UNITED STATES HOUSE OF REPRESENTATIVES
LEGISLATIVE CALENDAR

NINETY-SEVENTH CONGRESS

FIRST SESSION { CONVENED JANUARY 5, 1981
ADJOURNED DECEMBER 16, 1981
SECOND SESSION { CONVENED JANUARY 25, 1982
ADJOURNED DECEMBER 21, 1982

COMMITTEE ON SCIENCE AND TECHNOLOGY

FINAL

DECEMBER 1982

[No. 8]

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The Chairman and the Ranking Minority Member shall serve as ex officio members of all subcommittees and shall have the right to vote on all matters before the subcommittees, subject to the provisions of Rule 28 of the Committee Rules Governing Procedure.

HISTORY OF APPOINTMENTS

COMMITTEE ON SCIENCE AND TECHNOLOGY

NINETY-SEVENTH CONGRESS

The following Members were elected by H.Res. 44, adopted January 28, 1981: Don Fuqua (chairman), Florida; Robert A. Roe, New Jersey; George E. Brown, Jr., California; James H. Scheuer, New York; Richard L. Ottinger, New York; Tom Harkin, Iowa; Marilyn Lloyd Bouquard, Tennessee; James J. Blanchard, Michigan; Doug Walgren, Pennsylvania; Ronnie G. Flippo, Alabama; Dan Glickman, Kansas; Albert Gore, Jr., Tennessee; Robert A. Young, Missouri; Richard C. White, Texas; Harold L. Volkmer, Missouri; Howard Wolpe, Michigan; Bill Nelson, Florida; Stanley N. Lundine, New York; Allen E. Ertel, Pennsylvania; Bob Shamansky, Ohio; Ralph M. Hall, Texas; Dave McCurdy, Oklahoma; Mervyn M. Dymally, California.

The following Members were elected by H.Res. 45, adopted January 28, 1981: Larry Winn, Jr., Kansas; Barry M. Goldwater, Jr., California; Hamilton Fish, Jr., New York; Manuel Lujan, New Mexico; Harold C. Hollenbeck, New Jersey; Robert S. Walker, Pennsylvania; Edwin B. Forsythe, New Jersey; William Carney, New York; Margaret M. Heckler, Massachusetts; F. James Sensenbrenner, Jr., Wisconsin; Vin Weber, Minnesota; Judd Gregg, New Hampshire; Raymond J. McGrath, New York; Joe Skeen, New Mexico; Claudine Schneider, Rhode Island; Jim Dunn, Michigan; Bill Lowery, California.

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LEGISLATIVE AND OVERSIGHT JURISDICTION OF THE COMMITTEE ON SCIENCE AND TECHNOLOGY

"RULE X. ESTABLISHMENT AND JURISDICTION OF STANDING COMMITTEES

"The Committees and Their Jurisdiction

"1. There shall be in the House the following standing committees, each of which shall have the jurisdiction and related functions assigned to it by this clause and clauses 2, 3, and 4; and all bills, resolutions, and other matters relating to subjects within the jurisdiction of any standing committee as listed in this clause shall (in accordance with and subject to clause 5) be referred to such committees, as follows:

* * * * * * *

"(r) Committee on Science and Technology.
"(1) Astronautical research and development, including resources, personnel,equipment, and facilities.
"(2) Bureau of Standards, standardization of weights and measures and the metric system.
"(3) National Aeronautics and Space Administration.
"(4) National Aeronautics and Space Council.
"(5) National Science Foundation.
"(6) Outer space, including exploration and control thereof.
"(7) Science scholarships.
"(8) Scientific research and development.
"(9) Civil aviation research and development.
"(10) Environmental research and development.
"(11) All energy research development,and demonstration, and projects therefor, and all federallyowned or operated nonmilitary energy laboratories.
"(12) National Weather Service.

"In addition to its legislative jurisdiction under the preceding provisions of this paragraph (and its general oversight function under clause 2(b)(1)), the committee shall have the special oversight functions provided for in clause 3(f) with respect to all non-military research and development.

* * * * * * *

"SPECIAL OVERSIGHT FUNCTIONS

"3. (f) The Committee on Science and Technology shall have the function of reviewing and studying, on a continuing basis, all laws, programs, and Government activities dealing with or involving nonmilitary research and development."

JURISDICTION OF SUBCOMMITTEES

NINETY-SEVENTH CONGRESS

"RULES GOVERNING PROCEDURE OF THE COMMITTEE ON SCIENCE AND TECHNOLOGY

"Subcommittees

"Structure and Jurisdiction

"26. The Committee shall have the following standing subcommittees with the jurisdiction indicated.

"(a) *Subcommittee on Energy Development and Applications.*—Legislation, general and special oversight and all other matters relating to research, development and demonstration programs in fossil energy R&D; solar applications; solar technology; advanced energy technology; energy conservation; biomass; basic energy sciences; high energy and nuclear physics; geothermal energy; international cooperation in non-nuclear energy; and policy and management programs of the Department of Energy.

"(b) *Subcommittee on Natural Resources, Agriculture Research and Environment.*—Legislation, general and special oversight and all other matters relating to natural resources, including, but not limited to, water research, and, to the extent appropriate, agriculture R&D; legislation, risk assessment and other matters relating to environmental research and development generally—including, but not limited to, research and development activities of the Environmental Protection Agency; environmental health, safety, life sciences, pharmaceutical and biomedical activities of Executive departments and agencies, as appropriate; operational and research and development activities related to the atmosphere (including meteorology, aeronomy, climate, weather modificiation); and those ocean R&D activities related to the quality and management of the environment of the National Oceanic and Atmospheric Administration.

"(c) *Subcommittee on Energy Research and Production.*—Legislation, general and special oversight and all other matters relating to research, development and demonstration involving nuclear fission and the nuclear fuel cycle; nuclear fusion; electric energy systems; energy storage systems; hydroelectric energy systems; international cooperation in nuclear matters (except for exports of nuclear technology and hardware); and policy and management programs of the Department of Energy.

"(d) *Subcommittee on Science, Research and Technology.*—Legislation, general and special oversight and all other matters relating to the National Science Foundation; the National Bureau of Standards; the Office of Science and Technology Policy; the Office of Technology Assessment; scientific research and development and applications; science policy; scientific resources (including manpower); science education; science information and information sciences; technology transfer; technology assessment; innovation, productivity, and industrial R&D; standards (weights, measures, etc.); patent policies as they relate to Federal research and development programs; R&D involving governmental health, biomedical, nutritional and handicapped programs; biotechnology; intergovernmental mechanisms for R&D; and international cooperation in science and technology.

"(e) *Subcommittee on Space Science and Applications.*—Legislation, general and special oversight and all other matters relating to the National Aeronautics and Space Administration (except aeronautical research and development); national programs of research and development in space exploration, space applications, space communications and related matters; and all matters relating to a land observing system.

"(f) *Subcommittee on Transportation, Aviation and Materials.*—Legislation, general and special oversight and all other matters (includes aeronautical research and technology programs of the National Aeronautics and Space Administration and research and development programs of the Federal Aviation Administration); transportation programs of the Department of Energy; aviation-weather services; materials R&D and national materials policies, both domestic and international; oversight of surface transportation research and development programs of the Department of Transportation, Urban Mass Transportation Administration, Federal Railroad Administration, Federal Highway Administration, National Highway Traffic Safety Administration, and Coast Guard and the Maritime Administration; oversight of research and development in communications other than that for which the Subcommittee on Space Science and Applications is responsible.

"(g) *Subcommittee on Investigations and Oversight.*—Review and study, on a continuing basis, of the application, administration, execution, and effectiveness of those laws, or parts of laws, the subject matter of which is within the jurisdiction of the Committee and the organization and operation of the Federal and private agencies and entities having responsibilities in or for the administration and execution thereof, in order to determine whether such laws and the programs thereunder are being implemented and carried out in accordance with the intent of the Congress. In addition, the Subcommittee on Investigations and Oversight and the appropriate subcommittee with legislative authority may cooperatively review and study any conditions or circumstances which indicate the necessity or desirability of enacting new or additional legislation within the jurisdiction of the Committtee, and may undertake future research and forecasting on matters within the jurisdiction of the Committee. The Subcommitteee on Investigations and Oversight shall in no way limit the responsibility of other subcommittees from carrying out their oversight responsibilities, nor shall any investigation be undertaken by the Subcommittee on Investigations and Oversight without (a) consultation with the chairman of the appropriate subcommittee with legislative authority and (b) approval of the chairman of the Committee.

STATUS OF BILLS AND RESOLUTIONS REPORTED BY THE COMMITTEE ON SCIENCE AND TECHNOLOGY

Bill Number	Title	Passed House	Passed Senate	Conference Action	Public Law
H.R. 2643	To authorize appropriations to the Federal Aviation Administration for research and development. *(H.Rept. 97-24, Part I, Apr. 27, 1981)*	July 28, 1982 (H.R. 4961, amended)	July 23, 1982 (H.R. 4961, amended)	Aug. 19, 1982 (House) Aug. 19, 1982 (Senate)	P.L. 97-248 Sep. 5, 1982
H.R. 1257	To authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, and for other purposes. *(H.Rept. 97-32, May 8, 1981)*	June 23, 1981 (S.1098, amended)	May 21, 1981 (S.1098)	Nov. 21, 1981 (House) Nov. 21, 1981 (Senate)	P.L. 97-96 Dec. 21, 1981
H.R. 1520	To authorize appropriations for activities of the National Science Foundation, and for other purposes. *(H.Rept. 97-34, May 13, 1981)*	Sep. 23, 1981			
H.R. 3356	To amend the Earthquake Hazards Reduction Act of 1977 and the Federal Fire Prevention and Control Act of 1974 to authorize the appropriation of funds to the Director of the Federal Emergency Management Agency for fiscal year 1982, to carry out the National Earthquake Hazards Reduction Program and the Federal Fire Prevention and Control Program. *(H.Rept. 97-59, Part II, May 19, 1981)*	Oct. 13, 1981 (S.999, amended)	Apr. 29, 1981 (S.999)	Nov. 5, 1981 (House) Nov. 5, 1981 (Senate)	P.L. 97-80 Nov. 20, 1981
H.R. 2803	To authorize appropriations for atmospheric, climatic, and ocean pollution activities of the National Oceanic and Atmospheric Administration for fiscal year 1982, and for other purposes. *(H.Rept. 97-61, May 19, 1981)*	July 27, 1981			
H.R. 3115	To authorize appropriations for environmental research, development and demonstrations for the fiscal year 1982 and for other purposes. *(H.Rept. 97-93, May 19, 1981)*	July 27, 1981			
H.R. 3146	To authorize appropriations to the Department of Energy for civilian research and development programs and projects for fiscal year 1982. *(H.Rept. 97-94, May 19, 1981)*	June 26, 1981 (H.R. 3982, amended)	July 13, 1981 (H.R. 3982, amended)	July 31, 1981 (House) July 31, 1981 (Senate)	P.L. 97-35 Aug. 13, 1981
H.R. 3447	To authorize appropriations to the Department of Energy for civilian programs for fiscal year 1982 and fiscal year 1983, and for other purposes. *(H.Rept. 97-103, Part I, May 19, 1981)*	June 26, 1981 (H.R. 3982, amended)	July 13, 1981 (H.R. 3982, amended)	July 31, 1981 (House) July 31, 1981 (Senate)	P.L. 97-35 Aug. 13, 1981
H.Res. 202	Expressing the sense of the House of Representatives that the Administrator of the Federal Aviation Administration should submit to the Committee on Science and Technology full research and development program planning documentation with respect to the modernization and replacement of the Federal Aviation Administration air traffic control en route computer system. *(H.Rept. 97-271, Oct. 14, 1981)*	Oct. 19, 1981			

STATUS OF BILLS AND RESOLUTIONS REPORTED BY THE COMMITTEE ON SCIENCE AND TECHNOLOGY

Bill Number	Title	Passed House	Passed Senate	Conference Action	Public Law
H.R. 4564	To establish a uniform Federal system for management, protection, and utilization of the results of federally sponsored scientific and technological research and development; and to further the public interest of the United States domestically and abroad. *(H.Rept. 97-379, Part I, Dec. 10, 1981)*				
H.R. 5016	To establish a Federal policy with respect to the disposal of high-level radioactive waste from civilian nuclear activities, to provide for the construction, operation, and maintenance of waste disposal facilities, to provide for a program of nuclear waste and spent fuel research and development. *(H.Rept. 97-411, Part I, Dec. 15, 1981)*	Dec. 2, 1982 (H.R. 3809, amended)	Dec. 20, 1982 (H.R. 3809, amended)		P.L. 97-425 Jan. 7, 1983
H.R. 4326	To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy. *(H.Rept. 97-349, Part IV, Mar. 16, 1982)*	June 23, 1982 (S.881, amended)	Dec. 8, 1982 (S.881)		P.L. 97-219 July 22, 1982
H.Con.Res. 288	Expressing the sense of the Congress that State and local governments should support the fire safety efforts of the U.S. Fire Administration to reduce lives and property damage lost by fire. *(H.Rept. 97-484, April 26, 1982)*	June 2, 1982			
H.R. 5842	To authorize appropriations for activities of the National Science Foundation. *(H.Rept. 97-485, April 26, 1982)*	May 19, 1982			
H.R. 5726	To authorize appropriations for activities of the National Bureau of Standards for Fiscal Year 1983. *(H.Rept. 97-501, May 5, 1982)*	May 19, 1982 (S.2271, amended)	Apr. 29, 1982 (S.2271, amended)		P.L. 97-286 Oct. 6, 1982
H.R. 5890	To authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management. *(H.Rept. 97-502, May 5, 1982)*	May 13, 1982	June 9, 1982	Sep. 30, 1982 (Senate) Oct. 1, 1982 (House)	P.L. 97-324 Oct. 15, 1982
H.R. 6193	To authorize appropriations to the Federal Aviation Administration for research, engineering and development for Fiscal Year 1983. *(H.Rept. 97-523, May 17, 1982)*	July 28, 1982 (H.R. 4961, amended)	July 23, 1982 (H.R. 4961, amended)	Aug. 19, 1982 (House) Aug. 19, 1982 (Senate)	P.L. 97-248 Sep. 5, 1982
H.R. 6272	To amend the Earthquake Hazards Reduction Act of 1977 to extend authorizations of appropriations. *(H.Rept. 97-535, Part II, May 17, 1982)*	Sep. 14, 1982 (S.2273, amended)	Apr. 29, 1982 (S.2273)	Oct. 1, 1982 (House) Dec. 16, 1982 (Senate)	P.L. 97-464 Jan 12, 1983
H.R. 6323	To authorize appropriations to the Office of Research and Development, Environmental Protection Agency, for Fiscal Years 1983 and 1984. *(H.Rept. 97-574, May 18, 1982)*	Aug. 17, 1982 (S.2577, amended)	Oct. 1, 1982 (S.2577, amended)	Oct. 1, 1982 (House) Oct. 1, 1982 (Senate)	

STATUS OF BILLS AND RESOLUTIONS REPORTED BY THE COMMITTEE ON SCIENCE AND TECHNOLOGY

Bill Number	Title	Passed House	Passed Senate	Conference Action	Public Law
H.R. 6324	To authorize appropriations for atmospheric, climatic, and ocean pollution activities of the National Oceanic and Atmospheric Administration for Fiscal Years 1983 and 1984. *(H.Rept. 97-557, Part II, May 18, 1982)*	Aug. 17, 1982	Dec. 16, 1982 (amended)		
H.R. 6159	To establish a program under the coordination of the Office of Science and Technology Policy for improving the use of risk analysis by those Federal agencies concerned with regulatory decisions related to the protection of human life, health, and the environment. *(H.Rept. 97-625, June 24, 1982)*	Aug. 2, 1982			
H.Con.Res. 204	Expressing the sense of the Congress that, to encourage educational programs in science and technology, a National Science Center for Communications and Electronics should be established. *(H.Rept. 97-745, Aug. 13, 1982)*	Dec. 13, 1982 (S.Con.Res. 130)	(Dec. 1, 1982 (S.Con.Res. 130)		
H.Res. 514	Commemoration of the International Geophysical Year. *(H.Rept. 97-758, Part 1, Aug. 17, 1982)*	Dec. 21, 1982			
H.J.Res. 541	Concerning the successful completion of the test flight phase of the Space Shuttle program.	July 26, 1982	Aug. 4, 1982 (amended)		P.L. 97-237 Aug. 20, 1982
H.R. 4281	To provide for the establishment of a Council on Critical Materials within the Executive Office of the President for the purpose of developing and coordinating national materials policy and program plans within the Federal Government. *(H.Rept. 97-761, Part 1, Aug. 18, 1982)*				
H.R. 6928	To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing. *(H.Rept. 97-777, Part 1, Aug. 19, 1982)*				
H.R. 7130	To provide a national policy for engineering, technical, and scientific manpower, to provide for cost-sharing by the private sector in training such manpower, to create a national Coordinating Council on Engineering and Scientific Manpower. *(H.Rept. 97-933, Part 1, Oct. 5, 1982)*				

HOUSE BILLS

H.R. 29 **Jan. 5, 1981**

MR. ANDERSON, MR. LAGOMARSINO, MR. MINETA

To require the Secretary of Commerce to undertake a study to determine the effects of certain past ocean dumping of radioactive wastes.

(Jointly to the Committees on Merchant Marine and Fisheries and Science and Technology)

Feb. 6, 1981.—Referred to Subcommittee on Natural Resources, Agriculture Research and Environment.

H.R. 120 **Jan. 5, 1981**

MR. BENNETT

To require the submission to Congress of research proposals prior to the expenditure of Federal funds.

Retained in Full Committee.

H.R. 220 **Jan. 5, 1981**

MS. FERRARO

To promote the development of methods of research, experimentation, and testing that minimize the use of, and pain and suffering to, live animals.

(Jointly to the Committees on Energy and Commerce and Science and Technology)

Identical to H.R. 2110.

Feb. 6, 1981.—Referred to Subcommittee on Science, Research and Technology.
Oct. 13,14, 1981.—Subcommittee hearings.

See H.R. 6928.

H.R. 493 **Jan. 5, 1981**

MR. ROE

To stimulate research and development aimed at the production of gasohol as an alternative energy source by establishing national demonstration facilities for the conversion of garbage and other solid wastes into fuels, to be constructed by the Secretary of Energy under the Federal Nonnuclear Energy Research and Development Act of 1974.

Feb. 6, 1981.—Referred to Subcommittee on Energy Development and Applications.

H.R. 495 **Jan. 5, 1981**

MR. ROE

To provide for an accelerated program of wind energy research, development, and demonstration, to be carried out by the Department of Energy with the support of the National Aeronautics and Space Administration and other Federal agencies.

Feb. 6, 1981.—Referred to Subcommittee on Energy Development and Applications.

H.R. 497 **Jan. 5, 1981**

MR. ROE

To provide for a research, development, and evaluation program to determine the feasibility of collecting in space solar energy to be transmitted to Earth and to generate electricity for domestic purposes.

Feb. 6, 1981.—Referred to Subcommittee on Space Science and Applications.

H.R. 509 **Jan. 5, 1981**

Mr. Kastenmeier

To establish a Federal Oil and Gas Corporation.

(Jointly to the Committees on Energy and Commerce, Interior and Insular Affairs, and Science and Technology)

Feb. 6, 1981.—Referred jointly to Subcommittees on Energy Development and Applications and Natural Resources, Agriculture Research and Environment.

H.R. 547 **Jan. 5, 1981**

Mr. Roe

To establish a program to promote the utilization of spinoffs from space technology in meeting the needs and alleviating the suffering of the elderly.

Feb. 10, 1981.—Referred jointly to Subcommittees on Space Science and Applications and Science, Research and Technology.

H.R. 555 **Jan. 5, 1981**

Mr. Roe

To provide for an accelerated program for the recovery of energy from municipal wastes, and for other purposes.

(Jointly to the Committees on Science and Technology and Energy and Commerce)

Feb. 10, 1981.—Referred to Subcommittee on Energy Development and Applications.

H.R. 556 **Jan. 5, 1981**

Mr. Roe (for himself), Mr. Hollenbeck, Mr. Richmond, Mr. Hawkins of California, Mr. Bingham, Mr. Murphy, Mr. Hughes, Mr. Moakley, Mrs. Chisholm, Mr. Traxler, Mr. Weaver, Mr. Edwards of California, Mr. Pepper, Mr. Guyer, Mr. Florio, Mr. Rinaldo, Mr. Edgar, Mr. Matsui, Mr. Studds, Mr. Neal, Mr. Price, Mr. Rodino, Mr. Porter, Mr. Zeferetti, Mrs. Fenwick, Ms. Mikulski, Mr. Mitchell of Maryland, Mr. Guarini, Mr. Smith of New Jersey, Mr. Gray, Mr. Oberstar, Mr. Rosenthal, Mr. Dellums, Mr. McKinney, Mr. Yatron, Mr. Akaka, Mr. Howard, Mr. Patterson, Mr. Conte, Mrs. Bouquard, Mr. Minish, Mr. Frank, Mr. Schumer, Mr. Edwards of Oklahoma, Mr. Russo, Mr. D'Amours, Mr. Kastenmeier, Mr. Gibbons, Ms. Ferraro, Mr. Addabbo, Mr. John L. Burton of California, Mr. Mitchell of New York, Mr. Jacobs, Mr. Kemp, Mr. Hyde, Mr. Ottinger, Mr. Dwyer, Mr. Mottl, Mr. Roybal, Mr. Dornan of California, Mr. St Germain, Mr. LeBoutillier, Mr. Gephardt, Mr. Mineta, Mr. Brodhead, Mr. Donnelly, Mr. Heftel of Hawaii, Mr. Zablocki, Mr. Gejdenson, Mr. Lantos, Mr. Hertel of Michigan, Mr. Dixon of Calif., Mr. Evans of Delaware, Mr. Gilman, Mr. Miller of California, Mr. Foglietta, Mr. Downey, Mr. Bailey of Pennsylvania, Mr. Rose, Mr. Ratchford, Mr. Oxley, Mr. James K. Coyne

To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

(Jointly to the Committees on Energy and Commerce and Science and Technology)

Hearings printed, No. 68.

Feb. 6, 1981.—Referred to Subcommittee on Science, Research and Technology.

June 26, 1981.—Reports requested from Veterans Administration, Department of Agriculture, Department of Defense, National Science Foundation, Department of Commerce, Department of Energy, Department of Transportation, Environmental Protection Agency, National Aeronautics and Space Administration, U.S. Nuclear Regulatory Commission, and Department of Health and Human Services.

July 16, 1981.—Report received from Nuclear Regulatory Commission; unfavorable.

Oct. 9, 1981.—Report received from Department of Agriculture; unfavorable.

Oct. 9, 1981.—Report received from the National Science Foundation; unfavorable.

Oct. 9, 1981.—Report received from National Aeronautics and Space Administration; unfavorable.

H.R. 556—Continued

Oct. 13, 1981.—Report received from Department of Health and Human Services; unfavorable.
Oct. 13,14, 1981.—Subcommittee hearings.
Oct. 14, 1981.—Report received from Department of Commerce; unfavorable.
Oct. 16, 1981.—Report received from Department of Energy; unfavorable.
Oct. 26, 1981.—Report received from Department of Army; unfavorable.
Nov. 10, 1981.—Report received from the Environmental Protection Agency; unfavorable.

See H.R. 6928.

H.R. 564 **Jan. 5, 1981**

Mr. Roe

To establish a Space Industrialization Corporation to promote, encourage, and assist in the development of new products, processes, and industries using the properties of the space environment.

(Jointly to the Committees on Banking, Finance and Urban Affairs and Science and Technology)

Feb. 6, 1981.—Referred to Subcommittee on Space Science and Applications.

H.R. 638 **Jan. 5, 1981**

Mr. Wampler, Mr. Porter

To establish the National Science Council to decide questions of scientific fact which arise in agency adjudications involving restricting the use of certain substances which are primarily used in food production, processing, or marketing and which may be harmful to human health, and for other purposes.

(Jointly to the Committees on Agriculture, Energy and Commerce, and Science and Technology)

Feb. 10, 1981.—Referred jointly to Subcommittees on Science, Research and Technology and Natural Resources, Agriculture Research and Environment.

H.R. 930 **Jan. 19, 1981**

Mr. Weiss

To establish a commission to study alternative methods to the use of live animals in laboratory research and testing.

Feb. 6, 1981.—Referred to Subcommittee on Science, Research and Technology.
Oct. 13,14, 1981.—Subcommittee hearings.

See H.R. 6928.

H.R. 1257 **Jan. 23, 1981**

Mr. Fuqua (by request)

To authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, and for other purposes.

Administration Proposal. (Executive Communication 289.)

Hearings printed, Nos. 4,7,8

Jan. 28, 1981.—Full Committee Posture hearing.
Feb. 10, 1981.—Referred jointly to Subcommittees on Space Science and Applications and Transportation, Aviation and Materials.
Feb. 10,11,26, 1981.—Subcommittee on Transportation, Aviation and Materials hearings.
Mar. 3,4,5,10,11,12,17,19,24, 1981.—Subcommittee on Space Science and Applications hearings.
Mar. 18, 1981.—Subcommittees on Space Science and Applications and Transportation, Aviation and Materials joint hearing.
Mar. 19, 1981.—Subcommittee on Transportation, Aviation and Materials hearing.
Mar. 25, 1981.—Subcommittee on Transportation, Aviation and Materials meeting (markup). Ordered bill reported, with amendments, to Full Committee.
Apr. 2, 1981.—Subcommittee on Space Science and Applications meeting (markup). Ordered bill reported, with amendments, to Full Committee.
Apr. 7, 1981.—Full Committee meeting (markup). Ordered bill reported, as amended.
May 8, 1981.—Report filed in House (H.Rept. 97-32).
May 20, 1981.—Rules Committee hearing requested.
June 18, 1981.—Rules Committee hearing. Rule granted (one hour, open).
June 23, 1981.—Passed House, amended, by vote of 404-13. Subsequently passage was vacated, and S.1098 was passed in lieu after being amended to contain the language of H.R. 1257, as passed (Cong. Record H3169-H3195).
July 24, 1981.—Senate disagreed to the House amendment to S.1098 and requested a conference with the House. Conferees appointed: Senators Packwood, Goldwater, Schmitt, Cannon and Heflin.
July 30, 1981.—House insisted on its amendment to S.1098; agreed to the conference requested by the Senate; appointed conferees: Messrs. Fuqua, Flippo, Glickman, Nelson, Brown of California, Winn, Goldwater and Hollenbeck.
Nov. 21, 1981.—Conferees agreed.

H.R. 1257—Continued

Nov. 21, 1981.—Conference Report filed in the House (H.Rept. 97-351)(Cong. Record H8761-H8764).
Nov. 23, 1981.—Conference Report received in the Senate. (Cong. Record S14027-S14028).
Nov. 23, 1981.—Senate agreed to Conference Report.
Dec. 8, 1981.—House agreed to Conference Report clearing measure for the President.
Dec. 21, 1981.—Signed by President. P.L. 97-96.

H.R. 1421 **Jan. 28, 1981**

MR. MINISH

To establish an Energy Company of America, and for other purposes.

(Jointly to the Committees on Energy and Commerce, Interior and Insular Affairs, Science and Technology, and Ways and Means)

Feb. 10, 1981.—Referred jointly to Subcommittees on Energy Development and Applications and Energy Research and Production.

H.R. 1506 **Jan. 28, 1981**

MR. MOAKLEY, MR. DOWNEY, MR. MURPHY, MR. LAGOMARSINO, MR. ZEFERETTI, MR. MITCHELL OF MARYLAND, MR. DONNELLY, MR. RUSSO, MR. ST GERMAIN, MR. YATRON, MR. MOTTL, MR. MILLER OF CALIFORNIA, MR. CORRADA, MR. BOLAND, MR. SIMON, MRS. CHISHOLM, MR. BINGHAM, MR. TRAXLER, MR. EDGAR, MR. BEVILL, MR. FLORIO, MR. ADDABBO, MR. RICHMOND, MR. COELHO, MS. MIKULSKI, MR. ROSE, MR. SCHUMER, MR. VENTO, MR. OBERSTAR, MR. HUGHES, MR. SEIBERLING, MR. HALL OF OHIO, MR. IRELAND, MR. MINETA, MR. PEPPER, MS. FERRARO, MR. PATTERSON, MR. MONTGOMERY, MS. OAKAR, MR. GREEN, MR. BENJAMIN, MR. MATSUI, MR. LUKEN, MR. BROWN OF CALIFORNIA, MR. DIXON OF CALIF., MR. OTTINGER, MR. FITHIAN, MR. SOLARZ, MR. FRANK, MR. SHAMANSKY, MR. BIAGGI, MR. MCDADE

To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes

(Jointly to the Committees on the Judiciary, Banking, Finance and Urban Affairs, and Science and Technology)

Identical to H.R. 4069 and H.R. 4989

Feb. 10, 1981.—Referred to Subcommittee on Science, Research and Technology.

H.R. 1520 **Jan. 30, 1981**

MR. FUQUA (FOR HIMSELF) AND MR. WINN

To authorize appropriations for activities for the National Science Foundation for the fiscal year 1982.

Hearings printed, No. 27.

Jan. 28, 1981.—Full Committee Posture hearing.
Feb. 10, 1981.—Referred to Subcommittee on Science, Research and Technology.
Mar. 3,5,10,12,17, 1981.—Subcommittee hearings.
Mar. 18, 1981.—Subcommittee meeting (markup).
Mar. 24, 1981.—Subcommittee meeting (markup). Ordered bill reported, with amendments, to Full Committee.
Apr. 28, 1981.—Full Committee meeting (markup). Ordered bill reported, as amended.
May 14, 1981.—Report filed in House (H.Rept. 97-34).
May 20, 1981.—Rules Committee hearing requested.
June 11, 1981.—Full Committee meeting. Committee transmitted to the Committee on the Budget the Science and Technology Committee's FY 1982 authorization recommendations, as reported, in compliance with the requirements of the First Concurrent Resolution on the Budget for FY 1982 (H.Con.Res. 115, H.Rept. 97-23).
June 25, 1981.—Considered by House as Subtitle C of Title XII of H.R. 3982, the Omnibus Reconciliation Act of 1981 (Cong. Record H3369-H3389; H3389-H3395).
June 26, 1981.—Considered by House. Subtitle C deleted from Title XII by amendment to H.R. 3982 by vote of 217 to 211 (Cong. Record H3615-H3747; H3757-H4036).
July 13, 1981.—Senate passed H.R. 3982, after striking all after the enacting clause and inserting in lieu thereof the text of S.1377, the Senate companion measure. Title II, Section 1101-12 of S.1377 places a cap on the FY 1982 and FY 1983 authorizations for the National Science Foundation.
July 14, 1981.—Senate conferees appointed: Senators Domenici, Armstrong, Kassebaum, Boschwitz, Hollings, Chiles and Biden from the Committee on the Budget; Senators Hatch, Stafford, Quayle, Nickles, Denton, Hawkins, Kennedy, Randolph, Pell, Eagleton and Metzenbaum, from the Committee on Labor and Human Resources.
July 15, 1981.—House agreed to conference and appointed as conferees to Title II, Section 1101-12 of the Senate amendment: Messrs. Fuqua, Walgren, Brown of California, Shamansky, Dymally, Lundine, Winn, Weber, Gregg and Mrs. Heckler.
July 29, 1981.—Conferees met; Senates receded and concurred with the House by dropping the provision in Title II, Section 1101-12 in S.1377 from the Omnibus Reconciliation Act of 1981. Subsequently, the House and Senate agreed to the Conference Report on the Omnibus Reconciliation Act of 1981 (H.Rept. 97-208) and it was signed into law on August 13, 1981—P.L. 97-35.
July 9, 1981.—Rules Committee hearing requested.
July 16, 1981.—Rules Committee hearing. Rule granted (one hour, open).
Sep. 23, 1981.—Passed House, amended, by vote of 262-149 (Cong. Record H6541-H6558).
Sep. 25, 1981.—Placed on Senate Calendar.
Apr. 22, 1982.—Indefinitely postponed by Senate (Cong. Record S3903).

H.R. 1660 **Feb. 4, 1981**

MR. RUDD (FOR HIMSELF), MR. BEVILL, MR. DANIEL B. CRANE, MR. JEFFRIES, MR. LOTT, MR. MOLLOHAN, MR. MOTTL, MR. MCDONALD, MR. MADIGAN

To repeal the Metric Conversion Act of 1975 (89 Stat. 1007; 15 U.S.C. 205a et seq.).

Feb. 10, 1981.—Referred to Subcommittee on Science, Research and Technology.

H.R. 1704 **Feb. 5, 1981**

MR. PHILIP M. CRANE, MR. STANGELAND

To amend the Metric Conversion Act of 1975 to provide that the functions of the Federal Government with respect to the metric system shall be limited to coordinating the conversion to such system in areas or industries which desire it, and keeping the public informed thereon, without encouraging in any way the adoption or use of such system.

Feb. 18, 1981.—Referred to Subcommittee on Science, Research and Technology.

H.R. 1720 **Feb. 5, 1981**

MR. HUGHES, MR. CLAY, MR. MURPHY, MR. FLORIO, MR. HEFTEL OF HAWAII, MR. EDWARDS OF CALIFORNIA, MR. WEISS, MR. BEILENSON, MR. JEFFORDS, MR. EDGAR, MR. OTTINGER, MR. LOWRY OF WASHINGTON, MR. STOKES, MR. VENTO, MR. WEAVER, MR. EVANS OF DELAWARE, MR. COURTER, MR. BEDELL, MR. CONYERS, MR. LAFALCE, MR. DWYER, MR. DYSON, MR. SIMON, MR. LONG OF MARYLAND, MR. ROE, MR. MINETA, MR. WOLPE, MR. RINALDO, MR. OBERSTAR, MR. SEIBERLING AND MR. ERTEL

To establish a task force to identify ocean sites and the nature of radioactive wastes which were dumped into the ocean prior to 1970 and to prepare a comprehensive plan for monitoring and assessing the impacts which such wastes have had on the environment and the public health.

(Jointly to the Committees on Merchant Marine and Fisheries and Science and Technology)

Similar to H.R. 29.

Feb. 18, 1981.—Referred to Subcommittee on Natural Resources, Agriculture Research and Environment.
Mar. 5, 1981.—Referred to Subcommittee on Energy Research and Production.

H.R. 1745 **Feb. 5, 1981**

MR. MITCHELL OF NEW YORK

To provide financial aid to local fire departments in the purchase of advanced firefighting equipment.

Feb. 18, 1981.—Referred to Subcommittee on Science, Research and Technology.

H.R. 1908 **Feb. 18, 1981**

MR. FUQUA

To amend the Presidential Science and Technology Advisory Organization Act of 1976 to provide additional information to the Congress for the purpose of providing a basis for implementing multiyear research and development authorization.

Retained in Full Committee.

H.R. 1909 **Feb. 18, 1981**

MR. GOLDWATER OF CALIFORNIA (FOR HIMSELF), MR. FUQUA, MRS. BOUQUARD, MR. LUJAN, MR. MCCOLLUM, MR. WALGREN, MR. ROE, MR. LOWERY OF CALIFORNIA, MR. DUNCAN, MR. DANNEMEYER, MR. WALKER, MR. FORSYTHE, MR. WON PAT, MR. BAILEY OF PENNSYLVANIA, MR. WHITEHURST, MR. MORRISON, MR. BURGENER, MR. LAGOMARSINO, MR. WINN

To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.

March 2, 1981.—Referred to Subcommittee on Energy Research and Production.
June 17,18, 1981.—Subcommittee hearings.
July 15, 1981.—Subcommittee meeting (markup).
July 16, 1981.—Subcommittee meeting (markup). Ordered bill reported with an amendment to the Full Committee.

Superseded by H.R. 5016.

H.R. 1993 **Feb. 23, 1981**

MR. LUNDINE, MR. DELLUMS, MR. STOKES, MR. MITCHELL OF MARYLAND, MR. ST GERMAIN, MS. MIKULSKI, MR. GARCIA, MR. GRAY, MR. CONYERS, MR. EDGAR, MR. GOODLING, AND MR. JAMES K. COYNE

To provide for the development of a plan for the disposal of radioactive waste and spent nuclear fuel, to require the construction of repositories in accordance with the plan, to establish a Federal policy regarding the interim storage and commercial reprocessing of spent nuclear fuel, to provide for a demonstration program for dry storage of such fuel, and for other purposes.

(Jointly to the Committees on Energy and Commerce, Interior and Insular Affairs, Rules, and Science and Technology)

March 2, 1981.—Referred to Subcommittee on Energy Research and Production.
Oct. 5,7,15, 1981.—Subcommittee hearings.

Superseded by H.R. 5016

H.R. 2110 **Feb. 25, 1981**

MR. DONNELLY

To promote the development of methods of research, experimentation, and testing that minimize the use of, and pain and suffering to, live animals.

(Jointly to the Committees on Energy and Commerce, and Science and Technology)

Identical to H.R. 220.

March 2, 1981.—Referred to Subcommittee on Science, Research and Technology.
Oct. 13,14, 1981.—Subcommittee hearings.

See H.R. 6928.

H.R. 2144 **Feb. 25, 1981**

MR. MCEWEN

To establish a uranium enrichment fund.

(Jointly to the Committees on Energy and Commerce, Interior and Insular Affairs, and Science and Technology)

March 4, 1981.—Referred to Subcommittee on Energy Research and Production.

H.R. 2216 **Feb. 26, 1981**

MR. PURSELL (FOR HIMSELF), MR. WEISS, MR. SAWYER, MR. JEFFORDS, AND MR. STOKES

To establish a National Energy Trust Fund, and to provide for the use of such Fund by the Secretary of Energy in conducting and supporting research, development, and demonstrations designed to develop alternative energy sources.

Mar. 4, 1981.—Referred jointly to Subcommittees on Energy Development and Applications and Energy Research and Production.

H.R. 2330 **Mar. 4, 1981**

MR. UDALL

To authorize appropriations to the Nuclear Regulatory Commission in accordance with section 261 of the Atomic Energy Act of 1954, as amended, and section 305 of the Energy Reorganization Act of 1974, as amended, and for other purposes.

(Referred to the Committee on Interior and Insular Affairs)

Retained in Full Committee.

Apr. 10, 1981.—Committee on Interior and Insular Affairs report filed in House (H.Rept. 97-22, pt. 1).
Apr. 10, 1981.—Sequentially referred to Committee on Energy and Commerce.
June 9, 1981.—Committee on Energy and Commerce report filed in House (H.Rept. 97-22, pt. 2).
June 2, 1981.—Sequentially referred to Committee on Science and Technology.
June 5, 1981.—Committee on Science and Technology discharged from further consideration.

H.R. 2358 **Mar. 9, 1981**

MR. CHAPPELL

To establish the Mineral Conservation Research and Development Commission within the National Science Foundation, and to provide for the inventory of major nonfuel raw materials and the development of substitute materials.

Mar. 10, 1981.—Referred jointly to Subcommittees on Science, Research and Technology and Transportation, Aviation and Materials.

H.R. 2643 **Mar. 19, 1981**

MR. MINETA (FOR HIMSELF), MR. HOWARD, MR. ANDERSON, MR. LEVITAS, MR. OBERSTAR, MR. NOWAK, MR. FARY, MR. YOUNG OF MISSOURI, MR. RAHALL, MR. APPLEGATE, MS. FERRARO, MR. ATKINSON, MR. BONER OF TENNESSEE, MR. DE LUGO, MR. SUNIA, MR. ERTEL, MR. NELSON

To provide for the improvement of the Nation's airport and airway system, and for other purposes.

(Jointly to the Committees on Public Works and Transportation, and Science and Technology)

Hearings printed, No. 1.

Feb. 17,18,19, 1981.—Subcommittee hearings held prior to Subcommittee referral.
Mar. 24, 1981.—Referred to Subcommittee on Transportation, Aviation and Materials.
Mar. 25, 1981.—Subcommittee meeting (markup). Ordered bill reported, with an amendment, to Full Committee.
Apr. 7, 1981.—Full Committee meeting (markup). Ordered bill reported, as amended.
Apr. 27, 1981.—Report filed in House (H.Rept. 97-24, pt. 1).
May 19, 1981.—Committee on Public Works and Transportation Report filed in House (H.Rept. 97-24, pt. 2).
June 11, 1981.—Full Committee meeting. Committee transmitted to the Committee on the Budget the Science and Technology Committee's FY 1982 authorization recommendations, as reported, in compliance with the requirements of the First Concurrent Resolution on the Budget for FY 1982 (H.Con.Res. 115, H.Rept. 97-23).
June 25, 1981.—Considered by House as Subtitle F of Title XII of H.R. 3982, the Omnibus Reconciliation Act of 1981 (Cong. Record H3369-H3389; H3389-H3395).
June 26, 1981.—Considered by House. Subtitle F deleted from Title XII by amendment to H.R. 3982 by vote of 217 to 211 (Cong. Record H3616-H3747; H3757-H4036).
May 6, 1982.—Rules Committee hearing requested by Committee on Public Works and Transportation.
June 2, 1982.—Rules Committee hearing. Rule granted (four hours; open).
July 23, 1982.—Considered by House (Cong. Record H4548-H4557).
July 28, 1982.—Provisions of H.R. 2643 incorporated into H.R. 4961, the "Tax Equity and Fiscal Responsibility Act of 1982," in Title IV, Section 407(b).
July 28, 1982.—House disagreed to Senate amendments and agreed to conference requested by Senate by vote of 208-197.
July 28, 1982.—Conferees appointed for Title IV, Section 407(b) of H.R. 4961: Messrs. Fuqua, Glickman, and Winn (Cong. Record H4777-H4787).
Aug. 5, 1982.—Conferees agreed on the differences between the Senate and House passed versions of Title IV, Airport and Airway System Development provisions of H.R. 4961.
Aug. 17, 1982.—Conference Report on H.R. 4961 filed in House (H.Rept. 97-760).
Aug. 19, 1982.—House agreed to Conference Report on H.R. 4961 by vote of 226-207, clearing measure for Senate (Cong. Record H6555-H6649).
Aug. 19, 1982.—Senate agreed to Conference Report on H.R. 4961 by vote of 52-47, clearing measure for the President.
Sep. 5, 1982.—H.R. 4961 signed by the President. P.L. 97-248.

H.R. 2777 **Mar. 23, 1981**

MR. LUKEN

To amend the Flammable Fabrics Act to require the Secretary of Commerce to study the necessity and feasibility of establishing Federal standards relating to fire prevention and control, and for other purposes.

(Jointly to the Committees on Energy and Commerce, and Science and Technology)

Mar. 26, 1981.—Referred to Subcommittee on Science, Research and Technology.

H.R. 2803 **Mar. 24, 1981**

MR. SCHEUER

To authorize appropriations for atmospheric, climatic, and ocean pollution activities of the National Oceanic and Atmospheric Administration for the fiscal year 1982, and for other purposes.

Mar. 12, 1981.—Subcommittee on Natural Resources, Agriculture Research and Environment hearing held prior to subcommittee referral.
Mar. 25, 1981.—Referred jointly to Subcommittees on Natural Resources, Agriculture Research and Environment, and Space Science and Applications.
Mar. 26, 1981.—Subcommittee on Natural Resources, Agriculture Research and Environment meeting (markup). Ordered bill reported, with an amendment, to Full Committee.
Apr. 2, 1981.—Subcommittee on Space Science and Applications meeting (markup). Ordered bill reported, with an amendment, to Full Committee.
May 13, 1981.—Full Committee meeting (markup). Ordered bill, as amended, reported.
May 19, 1981.—Report filed in House (H.Rept. 97-61).
May 20, 1981.—Rules Committee hearing requested.
June 11, 1981.—Full Committee meeting. Committee transmitted to the Committee on the Budget the Science and Technology Committee's FY 1982 authorization recommendations, as reported, in compliance with the requirements of the First Concurrent Resolution on the Budget for FY 1982 (H.Con.Res. 115, H.Rept. 97-23).
June 25, 1981.—Considered by House as Subtitle D of Title XII of H.R. 3982, the Omnibus Reconciliation Act of 1981 (Cong. Record H3369-H3389; H3389-H3395).
June 26, 1981.—Considered by House. Subtitle D deleted from Title XII by amendment to H.R. 3982 by vote of 217 to 211 (Cong. Record H3615-H3747;H3757-H4036).
July 27, 1981.—Passed House, as amended, under Suspension of Rules (Cong. Record H4915-H4921).
July 29, 1981.—Referred to Senate Committee on Commerce, Science and Transportation.

H.R. 2804 **Mar. 24, 1981**

Mr. Scheuer

To authorize appropriations for environmental research, development, and demonstrations for fiscal year 1982, and for other purposes.

Mar. 11,17,18, 1981.—Subcommittee hearings held prior to Subcommittee referral.
Mar. 25, 1981.—Referred to Subcommittee on Natural Resources, Agriculture Research and Environment.
Mar. 26, 1981.—Subcommittee meeting (markup). Ordered clean bill to be introduced.

Superseded by H.R. 3115.

H.R. 2881 **Mar. 26, 1981**

Mr. Derrick, Mr. Edgar, Mr. Evans of Iowa, Mr. Holland, Mr. Lott, Mr. Murphy, Mr. Rose, Mr. Stark, Mr. Whitehurst, Mr. Won Pat, Mr. Neal

To establish licensed permanent repositories for transuranic waste, high-level radioactive waste, and spent fuel, and for other purposes.

(Jointly to the Committees on Energy and Commerce, and Science and Technology)

Apr. 1, 1981.—Referred jointly to Subcommittees on Energy Research and Production and Natural Resources, Agriculture Research and Environment.
Oct. 5,7,15, 1981.—Subcommittee on Energy Research and Production hearings.

Superseded by H.R. 5016.

H.R. 2924 **Mar. 31, 1981**

Mr. Dornan of California, Mr. Ireland and Mr. Porter

To amend section 312(c) of the Federal Aviation Act of 1958, relating to research and development, to require the Secretary of Transportation to assure the development of a collision avoidance system for use on all civil and military aircraft of the United States in the interest of air safety.

(Jointly to the Committees on Public Works and Transportation, and Science and Technology)

Apr. 14, 1981.—Referred to Subcommittee on Transportation, Aviation and Materials.

H.R. 2930 **Mar. 31, 1981**

Mr. Howard (by request), Mr. Clausen, Mr. Mineta, and Mr. Snyder

To provide for the improvement of the Nation's airport and airway system, for the modification of airport and airway user taxes, and for other purposes.

(Jointly to the Committees on Public Works and Transportation, Science and Technology, and Ways and Means)

Apr. 14, 1981.—Referred to Subcommittee on Transportation, Aviation and Materials.

H.R. 2940 **Mar. 31, 1981**

Mr. Stump

To repeal the Metric Conversion Act of 1975 (89 Stat. 1007).

Apr. 14, 1981.—Referred to Subcommittee on Science, Research and Technology.

H.R. 3002 **Apr. 2, 1981**

Mr. Ottinger (for himself), Mr. Dingell, and Mr. Sharp

To authorize appropriations to the Department of Energy for civilian programs for fiscal year 1982.

(Jointly to the Committees on Energy and Commerce, Interior and Insular Affairs, and Science and Technology)

Apr. 14, 1981.—Referred jointly to Subcommittees on Energy Development and Applications, Energy Research and Production, Natural Resources, Agriculture Research and Environment, and Transportation, Aviation and Materials.

H.R. 3038 **Apr. 6, 1981**

Mr. Rinaldo, Mr. Neal

To protect the interests of consumers and provide information to consumers regarding the effective use of smoke detectors through the establishment of smoke detector placement demonstration projects, to require the Consumer Product Safety Commission to take into account the results of such projects in connection with the promulgation of certain consumer product safety standards, and for other purposes.

(Jointly to the Committees on Energy and Commerce, and Science and Technology)

Apr. 14, 1981.—Referred to Subcommittee on Science, Research and Technology.

H.R. 3115 **Apr. 7, 1981**

Mr. Scheuer (for himself), Mr. Blanchard, Mr. Brown of California, and Mr. Walgren

To authorize appropriations for environmental research, development, and demonstrations for the fiscal year 1982, and for other purposes.

Supersedes H.R 2804.

Hearings printed, No. 123.

Retained in Full Committee.

May 13, 1981.—Full Committee meeting (markup). Ordered bill, as amended, reported.
May 19, 1981.—Report filed in House (H.Rept. 97-93).
May 20, 1981.—Rules Committee hearing requested.
June 11, 1981.—Full Committee meeting. Committee transmitted to the Committee on the Budget the Science and Technology Committee's FY 1982 authorization recommendations, as reported, in compliance with the requirements of the First Concurrent Resolution on the Budget for FY 1982 (H.Con.Res. 115, H.Rept. 97-23).
June 25, 1981.—Considered by House as Subtitle E of Title XII of H.R. 3982, the Omnibus Reconciliation Act of 1981 (Cong. Record H3369-H3389; H3389-H3395).
June 26, 1981.—Considered by House. Subtitle E deleted from Title XII by amendment to H.R. 3982 by vote of 217 to 211 (Cong. Record H3615-H3747; H3757-H4036).
July 27, 1981.—Passed House, as amended, under Suspension of Rules (Cong. Record H4921-H4926).
July 29, 1981.—Placed on Senate Calendar.
June 15, 1982.—Indefinitely postponed by Senate (Cong. Record S6839).

H.R. 3137 **Apr. 8, 1981**

Mr. Brown of California

To maintain and enhance the United States' leadership in information science and technology by establishing an Institute for Information Policy and Research to address national information policy issues; to provide a forum for the interaction of government, industry and commerce, and educational interests in the formulation of national information policy options; to provide a focus and mechanism for planning and coordinating Federal research and development activities related to information science and technology; and to amend the National Science and Technology Policy, Organization, and Priorities Act of 1976 to create a new position of Special Assistant for Information Technology and Science Information.

Hearings printed, No. 25.

Apr. 27, 1981.—Referred to Subcommittee on Science, Research and Technology.
May 27,28; June 9, 1981.—Subcommittee hearings.

H.R. 3146 **Apr. 8, 1981**

Mr. Fuqua

To authorize appropriations to the Department of Energy for civilian research and development programs and projects for fiscal year 1982, and for the continuation in fiscal year 1982 of prior year research and development projects.

Retained in Full Committee.

Hearings printed, Nos. 2,3,6,9,36,37.

Feb. 24, 1981.—Full Committee Posture hearing.
Feb. 24,25,26; Mar. 2,3,4,5,10,12,13,16,17, 18,19, 1981.—Subcommittee on Energy Development and Applications hearings.
Mar. 24,25,26,31, 1981.—Subcommittee on Energy Development and Applications meetings (markups). Ordered bill reported to Full Committee.
Mar. 13, 1981.—Subcommittee on Natural Resources, Agriculture Research and Environment hearing.
Mar. 26, 1981.—Subcommittee on Natural Resources, Agriculture Research and Environment meeting (markup). Ordered bill reported to Full Committee.
Feb. 25,26; Mar. 3,4,5,10,11,16,17,18,19, 20, 1981.—Subcommittee on Energy Research and Production hearings.
Mar. 25; Apr. 30, 1981.—Subcommittee on Energy Research and Production meetings (markups). Ordered bill reported to Full Committee.
Mar. 11,12, 1981.—Subcommittee on Transportation, Aviation and Materials hearings.
Mar. 25, 1981.—Subcommittee on Transportation, Aviation and Materials meeting (markup). Ordered bill reported to Full Committee.
May 6, 1981.—Full Committee meeting. Received reports of Subcommittees on Energy Development and Applications, Natural Resources, Agriculture Research and Environment, Energy Research and Production, and Transportation, Aviation and Materials.
May 7, 1981.—Full Committee meeting (markup).
May 11, 1981.—Full Committee hearing. Received testimony from witnesses from the Department of Energy, Edison Electric Institute, and the General Accounting Office regarding the closeout costs of the Clinch River Breeder Reactor program.
May 14, 1981.—Full Committee meeting (markup). Ordered bill, as amended, reported.
May 19, 1981.—Report filed in House (H.Rept. 97-94).
May 20, 1981.—Rules Committee hearing requested.
June 11, 1981.—Full Committee meeting. Committee transmitted to the Committee on the Budget the Science and Technology Committee's FY 1982 authorization recommendations, as reported, in compliance with the requirements of the First Concurrent Resolution on the Budget for FY 1982 (H.Con.Res. 115, H.Rept. 97-23).
June 25, 1981.—Considered by House as Subtitle A of Title XII of H.R. 3982, the Omnibus Reconciliation Act of 1981 (Cong. Record H3369-H3389; H3389-H3395).
June 26, 1981.—Passed House. Subtitle A of Title XII amended by amendment to H.R. 3982 by vote of 217 to 211 (Cong. Record H3615-H3747; H3757-H4036).
July 13, 1981.—H.R. 3982 passed Senate, after striking all after the enacting clause and inserting in lieu thereof the text of S.1377, the Senate companion measure. The Senate insisted on its amendment and requested a conference with the House.

H.R. 3146—Continued

July 14, 1981.—Senate conferees appointed to Title V, Subtitle D, parts 1 and 2, of Senate amendment to H.R. 3982: Senators Domenici, Armstrong, Kassebaum, Boschwitz, Hollings, Chiles and Biden, from the Committee on the Budget; Senators McClure, Hatfield, Wallop, Jackson and Johnston, from the Committee on Energy and Natural Resources.

July 15, 1981.—House disagreed to the Senate amendment; agreed to conference, appointing as conferees to consider Title XII, Section 6101 and the proviso in Section 8004, lines 2-24 on page 381 of the House bill, and such portions of Title V, Subtitle D, parts 1 and 2, as fall within the jurisdiction of the Committee on Science and Technology of the Senate amendment: Messrs. Fuqua, Roe, Scheuer, Harkin, Glickman, Winn, Goldwater, Fish, Lujan and Mrs. Bouquard.

July 15,16, 1981.—Conferees met.

July 29, 1981.—Conferees agreed.

July 29, 1981.—Conference Report on H.R. 3982 filed in House (H.Rept. 97-208).

July 31, 1981.—House agreed to Conference Report on H.R. 3982 (Cong. Record H5758-H5834).

July 31, 1981.—Senate agreed to Conference Report on H.R. 3982 (Cong. Record S8987-S9009; S9035-S9074).

Aug. 13, 1981.—Signed by President. P.L. 97-35.

H.R. 3263 **Apr. 27, 1981**

MR. WALGREN (FOR HIMSELF) AND MRS. HECKLER

To amend the Earthquake Hazards Reduction Act of 1977 and the Federal Fire Prevention and Control Act of 1974 to authorize the appropriation of funds to the Director of the Federal Emergency Management Agency to carry out the earthquake hazards reduction programs and the fire prevention and control program, and for other purposes.

(Jointly to the Committees on Science and Technology, and Interior and Insular Affairs)

Retained in Full Committee.

Feb. 25; Mar. 4,11, 1981.—Subcommittee on Science, Research and Technology hearings.

Mar. 18,24, 1981.—Subcommittee on Science, Research and Technology meetings (markups). Ordered bill reported to Full Committee.

Apr. 28, 1981.—Full Committee meeting (markup). Ordered clean bill to be introduced in the House.

Superseded by H.R. 3356.

H.R. 3356 **Apr. 30, 1981**

MR. FUQUA (FOR HIMSELF) AND MR. WALGREN

To amend the Earthquake Hazards Reduction Act of 1977 and the Federal Fire Prevention and Control Act of 1974 to authorize the appropriation of funds to the Director of the Federal Emergency Management Agency to carry out the earthquake hazards reduction programs and the fire prevention and control program, and for other purposes.

(Jointly to the Committees on Science and Technology, and Interior and Insular Affairs)

Supersedes H.R. 3263.

Retained in Full Committee.

Hearings printed, No. 18

May 13, 1981.—Full Committee meeting (markup). Ordered bill reported.

May 19, 1981.—Committee on Interior and Insular Affairs report filed in House (H.Rept. 97-59, pt. 1).

May 19, 1981.—Report filed in House (H.Rept. 97-59, pt. 2).

June 11, 1981.—Full Committee meeting. Committee transmitted to the Committee on the Budget the Science and Technology Committee's recommendations, as reported, in compliance with the requirements of the First Concurrent Resolution on the Budget for FY 1982 (H.Con.Res. 115, H.Rept. 97-23).

June 25, 1981.—Considered by House as Subtitle G of Title XII of H.R. 3982, the Omnibus Reconciliation Act of 1981 (Cong. Record H3369-H3389; H3389-H3395).

June 26, 1981.—Considered by House. Subtitle G deleted from Title XII by amendment to H.R. 3982 by vote of 217 to 211 (Cong. Record H3615-H3747; H3757-H4036).

Oct. 13, 1981.—Passed House, amended, under Suspension of Rules. Subsequently, passage was vacated and S.999, a similar Senate passed bill, was passed in lieu after being amended to contain the language of H.R. 3356, as passed. Agreed to amend the title of the Senate bill. (Cong. Record H7224-H7228).

Oct. 14, 1981.—By unanimous consent, the Clerk was authorized in the engrossment of the House amendment to S.999, to authorize appropriations for the Federal Fire Prevention and Control Act of 1974, to change the figure $34,425,000. in section 101(b) to $35,425,000. (Cong. Record H7235).

Oct. 16, 1981.—Senate concurred in House amendments to S.999 with Baker (for Packwood) unprinted amendment No. 489, in the nature of a substitute. (Cong. Record S11570-S11572).

Nov. 5, 1981.—House agreed to the Senate amendment to the House amendments with amendments to S.999 (Cong. Record H8126-H8128).

Nov. 5, 1981.—Senate concurred in the amendments of the House to the Senate amendments to S.999, clearing measure for the President, (Cong. Record S13059-S13060).

Nov. 20, 1981.—Signed by President. P.L. 97-80.

H.R. 3375 **May 1, 1981**

Mr. Harkin (for himself), Mr. Bedell, Mr. Bingham, Mr. Brown of California, Mrs. Chisholm, Mr. Corrada, Mr. Crockett, Mr. Dougherty, Mr. Downey, Mr. Fish, Mr. Frost, Mr. Garcia, Mr. Glickman, Mr. Hertel of Michigan, Mr. Hollenbeck, Mr. Mavroules, Mr. Mottl, Mr. Miller of Calif., Mr. Murphy, Mr. Neal, Mr. Oberstar, Mr. Pease, Mr. Richmond, Mr. Roe, Mr. Sabo, Mr. Shamansky, Mr. Seiberling, Mr. Simon, Mr. Solarz, Mr. Stokes, Mr. Vento, Mr. Walgren, Mr. Whitehurst, Mr. Wyden, Ms. Oakar, Mr. Smith of Iowa, Mr. Nelson, Mr. Pepper, Mr. Coelho, and Mr. Dwyer

To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

May 11, 1981.—Referred jointly to Subcommittees on Transportation, Aviation and Materials and Space Science and Applications.

H.R. 3378 **May 1, 1981**

Mr. Lujan (for himself) and Mrs. Bouquard

To establish a uranium enrichment fund.

(Jointly to the Committees on Energy and Commerce, Interior and Insular Affairs, and Science and Technology)

May 12, 1981.—Referred to Subcommittee on Energy Research and Production.

H.R. 3441 **May 5, 1981**

Mr. Ritter (for himself), Mr. Fuqua, Mr. Brown of California, Mr. Forsythe, Mr. Brown of Ohio, and Mr. Evans of Iowa

To establish a coordinated program under the direction of the Office of Science and Technology Policy for improving and facilitating the use of risk analysis by those Federal agencies concerned with scientific and technological decisions related to human life, health, and protection of the environment.

Hearings printed, No. 58.

May 11, 1981.—Referred jointly to Subcommittees on Science, Research and Technology and Natural Resources, Agriculture Research and Environment.
Sep. 24, 1981.—Subcommittee on Science, Research and Technology hearing.
Mar. 17, 1982.—Subcommittee meeting (markup). Ordered clean bill to be introduced.

Superseded by H.R. 6159.

H.R. 3447 **May 5, 1981**

Mr. Fuqua (by request), Mr. Dingell, and Mr. Udall

To authorize appropriations to the Department of Energy for civilian programs for fiscal year 1982 and fiscal year 1983, and for other purposes.

Administration proposal. (Executive Communication 1229)
(Jointly to the Committees: Title I to Science and
Technology; Titles II and III to Energy and Commerce;
Title IV to Interior and Insular Affairs; Title V to
Energy and Commerce and Interior and Insular Affairs;
Titles VI, VII, VIII, IX, X to Energy and Commerce,
Interior and Insular Affairs, and Science and Technology)

Retained in Full Committee.

May 6, 1981.—Full Committee meeting (markup). Received reports of Subcommittees on Energy Development and Applications; Natural Resources, Agriculture Research and Environment; Energy Research and Production; and Transportation, Aviation and Materials.
May 7, 1981.—Full Committee meeting (markup).
May 14, 1981.—Full Committee meeting (markup). Ordered bill, as amended, reported.
May 19, 1981.—Report filed in House (H.Rept. 97-103, pt. 1).
June 11, 1981.—Full Committee meeting. Committee transmitted to the Committee on the Budget the Science and Technology Committee's FY 1982 authorization recommendations, as reported, in compliance with the requirements of the First Concurrent Resolution on the Budget for FY 1982 (H.Con.Res. 115, H.Rept. 97-23).
June 25, 1981.—Considered by House as Subtitle B of Title XII of H.R. 3892, the Omnibus Reconciliation Act of 1981 (Cong. Record H3369-H3389; H3389-H3395).
June 26, 1981.—Passed House. Subtitle B of Title XII amended by amendment to H.R. 3892 by vote of 217-211 (Cong. Record H3615-H3747; H3757-H4036).
July 13, 1981.—H.R. 3982 passed Senate, after striking all after the enacting clause and inserting in lieu thereof the text of S.1377, the Senate companion measure. Senate insisted on its amendment and requested a conference with the House.
July 14, 1981.—Senate conferees appointed to consider Title V, Subtitle D, parts 1 and 2, of the Senate amendment to H.R. 3982: Senators Domenici, Armstrong, Kassebaum, Boschwitz, Hollings, Chiles and Biden from the Committee on the Budget; Senators McClure, Hatfield, Wallop, Jackson and Johnston from the Committee on Energy and Natural Resources.
July 15, 1981.—House disagreed to Senate amendment and agreed to conference, appointing as conferees to consider Title XII, Section 6101 and the proviso in Section 8004, lines 2-24 on page 381 of the House bill, and such portions of Title V, Subtitle D, parts 1 and 2, as fall within the jurisdiction of the Committee on Science and Technology of the Senate amendment.
July 15,16, 1981.— Conferees met.
July 29, 1981.—Conferees agreed.
July 29, 1981.—Conference Report on H.R. 3982 filed in House (H.Rpt. 97-208).
July 31, 1981.—House agreed to Conference Report on H.R. 3982, (Cong. Record H5758-H5834).

H.R. 3447—Continued

July 31, 1981.—Senate agreed to Conference Report on H.R. 3982 (Cong. Record S8987-S9009; S9035-S9074).
Aug. 13, 1981.—Signed by President. P.L. 97-35.

H.R. 3505 **May 7, 1981**

MR. UDALL

To authorize appropriations for the Department of Energy for fiscal year 1982.

(Divided and referred: Title I to Committee on Interior and Insular Affairs and Title II to Committees on Energy and Commerce, Interior and Insular Affairs, and Science and Technology)

May 15, 1981.—Referred to Subcommittee on Energy Research and Production.
May 19, 1981.—Committee on Interior and Insular Affairs report filed in House (H.Rept. 97-60, pt. 1).

H.R. 3600 **May 14, 1981**

MR. BLANCHARD, MR. BROWN OF CALIFORNIA, MR. SCHEUER, MR. DINGELL, MR. FORD OF MICHIGAN, MR. TRAXLER, MR. BROOMFIELD, MR. BONIOR OF MICHIGAN, MR. BRODHEAD, MR. CONYERS, MR. CROCKETT, MR. DUNN, MR. HERTEL OF MICHIGAN, MR. KILDEE, MR. WOLPE, MR. BEILENSON, MR. ECKART, MR. ERDAHL, MR. FARY, MR. FOGLIETTA, MR. HORTON, MR. LAFALCE, MR. LOWRY OF WASHINGTON, MR. LUNDINE, MR. WORTLEY, MR. YATES, MR. CARNEY, MRS. SCHNEIDER, MR. NOWAK, MR. KEMP, MR. SAWYER, MR. HUGHES, MR. FRENZEL, MR. WEBER OF OHIO

To amend the National Ocean Pollution Planning Act of 1978 to provide greater coordination of research efforts concerning the Great Lakes, and for other purposes.

(Jointly to the Committees on Merchant Marine and Fisheries, and Science and Technology)

Hearings printed, No. 120.

May 20, 1981.—Referred to Subcommittee on Natural Resources, Agriculture Research and Environment.
June 17, 1981.—Reports requested from Council on Environmental Quality, Environmental Protection Agency, and National Oceanic and Atmospheric Administration.
Sep. 14, 1981.—Report received from Council on Environmental Quality; unfavorable.
Oct. 13, 1981.—Report received from Environmental Protection Agency; unfavorable.
Nov. 11, 1981.—Report received from Department of Commerce, unfavorable.
Dec. 15, 1981.—Subcommittee hearing.
Mar. 9, 1982.—Subcommittee hearing.

See H.R. 6324.

H.R. 3712 **May 28, 1981**

MR. BROWN OF CALIFORNIA

To establish the national space policy of the United States, to declare the goals of the Nation's space program (both in terms of space and terrestrial applications and in space science), and to provide for the planning and implementation of such program.

June 11, 1981.—Referred to Subcommittee on Space Science and Applications.

H.R. 3749 **June 2, 1981**

MR. BROWN OF CALIFORNIA (FOR HIMSELF), MR. WALGREN, MR. HOLLENBECK, MR. ERTEL, MR. WATKINS, MR. SEIBERLING, AND MR. DYMALLY

To advance the national prosperity and welfare, to establish a National Technology Foundation, and for other purposes.

(Jointly to the Committees on Judiciary, and Science and Technology)

June 11, 1981.—Referred to Subcommittee on Science, Research and Technology.

H.R. 3769 **June 2, 1981**

MR. WINN, MRS. SCHROEDER, MR. BROWN OF CALIFORNIA, MR. LAGOMARSINO, MR. DE LA GARZA, MR. FORSYTHE, MR. MURPHY, MR. MADIGAN, MR. HAMMERSCHMIDT, MR. HUTTO, MR. SUNIA, MR. LIVINGSTON, MR. SCHEUER, MR. EMERSON

To establish a Severe Storms Advisory Committee to review, on an annual basis, the severe storms research and operations activities of the Federal Government.

June 11, 1981.—Referred to Subcommittee on Natural Resources, Agriculture Research and Environment.
Oct. 6, 1981.—Subcommittee hearing.

H.R. 3839 **June 8, 1981**

MR. DYMALLY (FOR HIMSELF) AND MR. BROWN OF CALIFORNIA

To establish a United States Design Council within the Department of Commerce.

(Jointly to the Committees on Energy and Commerce, and Science and Technology)

Hearings printed, No. 92.

June 12, 1981.—Referred to Subcommittee on Science, Research and Technology.
Jan. 21, 1982.—Field hearing (Los Angeles, CA).

H.R. 3877 **June 10, 1981**

MR. SWIFT (FOR HIMSELF), MR. DINGELL, MR. OTTINGER, MR. CORCORAN, AND MR. MOTTL

To amend the Energy Policy and Conservation Act to provide for adequate supplies of helium for future energy efficiency and conservation purposes, and for other purposes.

(Jointly to the Committees on Energy and Commerce, Interior and Insular Affairs, and Science and Technology)

June 16, 1981.—Referred to Subcommittee on Natural Resources, Agriculture Research and Environment.

H.R. 3964 **June 18, 1981**

MR. JONES OF OKLAHOMA

To provide for reconciliation pursuant to section 301 of the First Concurrent Resolution on the Budget for the fiscal year 1982.

(Jointly to the Committees on Agriculture; Armed Services; Banking, Finance and Urban Affairs; the District of Columbia; Education and Labor; Energy and Commerce; Foreign Affairs; Interior and Insular Affairs; Merchant Marine and Fisheries; Post Office and Civil Service; Public Works and Transportation; Science and Technology; Small Business; Veterans Affairs; and Ways and Means)

Retained in Full Committee.

H.R. 3964, as introduced, contained the reconciliation recommendations of the House committees as transmitted to the Budget Committee pursuant to Section 301 of the First Concurrent Resolution on the Budget for FY 1982 (H.Con.Res. 115, H.Rept. 97-23).

The Budget Committee ordered reported a technically modified version of H.R. 3964, and H.R. 3982 was reported in the House on June 19, 1981 (H.Rept. 97-158).

Title XII of both bills contained authorizations for seven programs and projects reported by the Committee, as follows: H.R. 3146, H.R. 3447, H.R. 1520, H.R. 2803, H.R. 3115, H.R. 2643, H.R. 3356. Subsequent legislative actions on each of the aforementioned bills have been chronicled herein under the respective original bill numbers. See H.R. 3146, H.R. 3447, H.R. 1520, H.R. 2803, H.R. 3115, H.R. 2643, H.R. 3356.

H.R. 4069 **July 8, 1981**

MR. DOWNEY

To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

(Jointly to the Committees on the Judiciary, Banking Finance and Urban Affairs, and Science and Technology)

Identical to H.R. 1506 and H.R. 4989.

July 7, 1981.—Referred to Subcommittee on Science, Research and Technology.

H.R. 4223 **July 21, 1981**

MR. LUJAN, MR. BEREUTER

To establish a Nuclear Fuel Management Corporation.

(Jointly to the Committees on Energy and Commerce, Interior and Insular Affairs, and Science and Technology)

July 24, 1981.—Referred to Subcommittee on Energy Research and Production.

H.R. 4281 **July 27, 1981**

MR. FUQUA (FOR HIMSELF), MR. GLICKMAN, MR. WALGREN, MR. BROWN OF CALIFORNIA, MR. SANTINI, MR. ROE, MRS. BOUQUARD, MR. FLIPPO, MR. YOUNG OF MISSOURI, MR. MCCURDY, MR. DYMALLY, MR. BEDELL, MR. BENNETT, MR. BREAUX, MR. DAN DANIEL, MR. RAHALL, MR. HOLLENBECK, MR. FORSYTHE, MR. RITTER, MR. YOUNG OF ALASKA, MR. LUJAN, MR. BEVILL, MR. RUDD, MR. SKEEN, AND MR. LEHMAN

Entitled: "Critical Materials Act of 1981".

July 28, 1981.—Full Committee hearing.
July 30, 1981.—Referred to Subcommittee on Transportation, Aviation and Materials.
August 7, 1981.—Reports requested from Department of Defense, Department of Commerce, Department of the Interior, Department of State, Department of Energy, Department of Transportation, Department of Agriculture, Department of Housing and Urban Development, the National Aeronautics and Space Administration, the Environmental Protection Agency, the Federal Emergency Management Agency, and the Office of Science and Technology Policy.
Dec. 9, 1981.—Report received from National Aeronautics and Space Administration; unfavorable.
Dec. 10, 1981.—Report received from National Science Foundation; unfavorable.
Mar. 9, 1982.—Report received from Department of Agriculture; unfavorable.
Apr. 20,22, 1982.—Subcommittee hearing held jointly with Subcommittee on Science, Research and Technology.
Apr. 20, 1982.—Report received from Federal Emergency Management Agency; unfavorable.
July 29, 1982.—Subcommittee meeting (markup). Ordered bill reported to Full Committee with amendments.
Aug. 11, 1982.—Full Committee meeting (markup). Ordered bill reported, as amended.
Aug. 18, 1982.—Report filed in House (H.Rept. 97-761, pt. 1).
Aug. 18, 1982.—Sequentially referred to Committee on Armed Services for a period ending not later than Sep. 22, 1982.
Sep. 22, 1982.—Committee on Armed Services discharged from further consideration.
Dec. 13, 1982.—Called up by the House under Suspension of Rules. The measure failed to receive 2/3's vote to suspend and pass by a yea-nay vote of 215 to 164 (Roll Call vote No. 437).

H.R. 4286 **July 28, 1981**

MR. GINGRICH (FOR HIMSELF), MR. EMERY, MR. DORNAN OF CALIFORNIA, MR. WIRTH, MR. DERWINSKI, MR. MURPHY, MR. WHITEHURST, MR. YATRON, MR. FORSYTHE, MR. ROE, MR. JEFFRIES, MR. DOUGHERTY, AND MR. WILSON

To establish a national space and aeronautics policy, and for other purposes.

July 31, 1981.—Referred to Subcommittee on Space Science and Applications.

H.R. 4326 **July 29, 1981**

MR. LAFALCE, MR. MITCHELL OF MARYLAND, MR. SMITH OF IOWA, MR. ADDABBO, MR. GONZALEZ, MR. BEDELL, MR. RICHMOND, MR. NOWAK, MR. LUKEN, MR. IRELAND, MR. SKELTON, MR. EVANS OF GEORGIA, MR. STENHOLM, MR. MAZZOLI, MR. MAVROULES, MR. CROCKETT, MR. HATCHER, MR. WYDEN, MR. ECKART, MR. DORGAN, MR. SAVAGE, MR. ROEMER, MR. FARY, MR. MCDADE, MR. CONTE, MR. STANTON OF OHIO, MR. BROOMFIELD, MR. MARRIOTT, MR. WILLIAMS OF OHIO, MRS. SNOWE, MR. DANIEL B. CRANE, MR. HILER, MR. STATON OF WEST VIRGINIA, MR. WEBER OF MINNESOTA, MR. DAUB, MR. SMITH OF NEW JERSEY, MR. WEBER OF OHIO, MR. DREIER, MR. MOLINARI, MR. SILJANDER, MR. AKAKA, MR. ATKINSON, MR. BARNARD, MR. BARNES, MR. BEVILL, MR. BONKER, MR. BOWEN, MR. BROWN OF OHIO, MR. CLAY, MR. CLINGER, MR. COELHO, MR. CORRADA, MR. D'AMOURS, MR. DASCHLE, MR. DIXON OF CALIFORNIA, MR. DUNN, MR. DWYER, MR. EDGAR, MR. FAUNTROY, MS. FERRARO, MR. FISH, MR. FOGLIETTA, MR. FORD OF TENNESSEE, MR. FRANK, MR. GEJDENSON, MR. GINGRICH, MR. GLICKMAN, MR. GREEN, MR. HANSEN OF UTAH, MR. HORTON, MR. HOYER, MR. HUGHES, MR. KILDEE, MR. KOGOVSEK, MR. LANTOS, MR. LEACH OF IOWA, MR. LEWIS, MR. LOWERY OF CALIFORNIA, MR. LUNDINE, MR. MCHUGH, MR. MCKINNEY, MR. MADIGAN, MR. MARKEY, MR. MARKS, MR. MARTIN OF NEW YORK, MRS. MARTIN OF ILLINOIS, MR. MICA, MS. MIKULSKI, MR. MONTGOMERY, MR. MURPHY, MR. NEAL, MR. NELLIGAN, MR. PATTERSON, MR. PORTER, MR. PRITCHARD, MR. RAHALL, MR. RAILSBACK, MR. RODINO, MR. ROE, MR. ROTH, MR. SEIBERLING, MR. SOLOMON, MR. STANGELAND, MR. SUNIA, MR. VENTO, MR. WEAVER, MR. WILSON, MR. WIRTH, MR. WOLPE, MR. WON PAT, MR. WORTLEY, MRS. COLLINS OF ILLINOIS, MR. FAZIO, MR. MITCHELL OF NEW YORK, MR. DYSON, MR. STOKES, MR. MYERS OF INDIANA, MR. COATS, MR. WILLIAMS OF MONTANA, MR. ROBERTS OF KANSAS, MRS. SCHNEIDER, MR. SIMON, MR. BONER OF TENNESSEE, MR. WINN, MR. BENJAMIN, MR. BIAGGI, MR. ANDREWS OF NORTH CAROLINA, MR. BAILEY OF PENNSYLVANIA, MR. BRODHEAD, MR. ROBERTS OF SOUTH DAKOTA, MR. STARK, MR. JAMES K. COYNE, MR. BRINKLEY, MR. RITTER, MR. ANTHONY, MR. DICKS, MR. DYMALLY, MR. GINN, MR. CLAUSEN, MR. SMITH OF OREGON, MR. BROYHILL, MR. ERDAHL, MR. DOWNEY, MR. MOORHEAD, MR. FORSYTHE, MRS. BOUQUARD, MR. CONYERS, MR. HAGEDORN, MR. MCEWEN, MR. OTTINGER, MR. GREGG, MR. CORCORAN, MR. FASCELL, MR. GUARINI, MR. DE LA GARZA, MR. GAYDOS, MR. ALBOSTA, MR. FIELDS, MR. HALL OF OHIO, MR. DORNAN OF CALIFORNIA, MR. LAGOMARSINO, MR. DENARDIS, MR. RATCHFORD, MR. LEHMAN, MR. HYDE, MR. EMERY, MR. JONES OF OKLAHOMA, MR. QUILLEN, MR. JEFFORDS, MR. FRENZEL, MR. BURGENER, MR. BEREUTER, MR. MARLENEE, MR. OBERSTAR, MR. MURTHA, MR. LEE, MRS. CHISHOLM, MR. RALPH M. HALL, MR. WATKINS, MR. RANGEL, MR. SCHUMER, MR. JENKINS, MR. SMITH OF PENNSYLVANIA, MR. WHITTAKER, MR. PEPPER, MR. JEFFRIES, MR. VANDER JAGT, MR. CHAPPELL, MR. WOLF, MR. OXLEY, MR. FINDLEY

To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

(Referred to the Committee on Small Business)

Hearings printed, No. 135.

Retained in Full Committee.

Nov. 20, 1981.—Sequentially referred to the Committees on Armed Services, Energy and Commerce, and Science and Technology for a period ending not later than March 1, 1982, for consideration of such portions of the bill and amendment as fall within the jurisdictions of the above stated Committees.

Nov. 30, 1981.—Reports requested from Department of Education, National Science Foundation, National Aeronautics and Space Administration, Veterans' Administration, Nuclear Regulatory Commission, International Development Cooperation Agency, Environmental Protection Agency, Department of Energy, Department of Interior, Department of Health and Human Services, Department of Transportation, Department of Labor, Department of Agriculture, Department of Commerce, Department of Defense.

Dec. 8, 1981.—Sequentially referred to the Committee on Veterans' Affairs for a period ending not later than March 1, 1982, for consideraton of such portions of the bill and amendment as fall within the jurisdiction of the Committee.

Jan. 21, 1982.—Report received from Nuclear Regulatory Commission; unfavorable.

Jan. 21, 1982.—Report received from the National Science Foundation; unfavorable.

Jan. 22, 1982.—Report received from National Aeronautics and Space Administration; unfavorable.

Jan. 22, 1982.—Report received from Veterans Administration; unfavorable.

Jan. 27, 1982.—Report received from Department of Transportation; unfavorable.

Jan. 27, 1982.—Report received from Department of Defense; unfavorable.

Jan. 26,27,28, 1982.—Full Committee hearings.

Feb. 19, 1982.—Report received from International Development Cooperation Agency; unfavorable.

Mar. 1, 1982.—Sequential referral to the Committees on Armed Services, Energy and Commerce, Science and Technology and Veterans Affairs extended for an additional period ending not later than March 2, 1982.

Mar. 2, 1982.—Sequential referral to the Committees on Armed Services, Energy and Commerce, Science and Technology, and Veterans Affairs extended for an additional period ending not later than March 16, 1982; and sequentially referred to the Committee on Foreign Affairs and to the permanent Select Committee on Intelligence for a period ending not later than March 16, 1982, for consideration of such portions of the bill and amendment as fall within the jurisdiction of those committees.

Mar. 9, 1982.—Full Committee meeting (markup). Ordered bill reported with amendments.

Mar. 16, 1982.—Report filed in House (H.Rept. 97-349, pt. 4).

H.R. 4326—Continued

Mar. 30, 1982.—Report received from Environmental Protection Agency; unfavorable.
Apr. 8, 1982.—Report received from Department of Interior; unfavorable.
May 19, 1982.—Rules Committee hearing. No action taken.
June 15, 1982.—Rules Committee hearing. Rule granted (four hours; open).
June 17, 1982.—Considered by House (Cong. Record H3586–H3645).
June 22, 1982.—Considered by House (Cong. Record H3760–H3783).
June 23, 1982.—Passed House, amended, by vote of 353–57. Subsequently, passage was vacated and S.881, a similar Senate passed bill, was passed in lieu after being amended to contain the language of H.R. 4326, as passed (Cong. Record H3832–H3839).
June 29, 1982.—Senate concurred in the House Amendment to S.881 (Cong. Record S7569).
July 22, 1982.—Signed by the President. P.L. 97–219.

H.R. 4406 **Aug. 4, 1981**

MRS. SCHROEDER

To amend the Animal Welfare Act to insure the humane treatment of laboratory animals.

(Jointly to the Committees on Agriculture, Energy and Commerce, and Science and Technology)

Aug. 6, 1981.—Referred to Subcommittee on Science, Research and Technology.
Sep. 15, 1981.—Reports requested from Department of Agriculture, Department of Health and Human Services and Department of Defense.
Oct. 13,14, 1981.—Subcommittee hearings.
June 4, 1982.—Report received from the Department of Agriculture; unfavorable.
June 16, 1982.—Report received from Department of Health and Human Services; unfavorable.

See H.R. 6928.

H.R. 4564 **Sept. 23, 1981**

MR. ERTEL (FOR HIMSELF), MR. FUQUA, MR. WALGREN, MR. BROWN OF CALIFORNIA, MR. HOLLENBECK, MR. LAFALCE, MR. AUCOIN, MR. MURPHY, MRS. HECKLER, MR. HUGHES, AND MR. WINN

To establish a uniform Federal system for management, protection, and utilization of the results of federally sponsored scientific and technological research and development; and to further the public interest of the United States domestically and abroad; and for other related purposes.

(Jointly to the Committees on the Judiciary and Science and Technology)

Retained in Full Committee.

Hearings printed, No. 57.

Sep. 30, 1981.—Full Committee hearing (jointly with Senate Committee on Commerce, Science and Transportation).
Oct. 29, 1981.—Full Committee meeting (markup).
Nov. 17, 1981.—Full Committee meeting (markup). Ordered bill reported, with amendments.
Dec. 10, 1981.—Report filed in House (H.Rept. 97–379, pt. 1).

H.R. 4697 **Oct. 6, 1981**

MR. GOLDWATER OF CALIFORNIA (FOR HIMSELF), MR. FUQUA, MRS. BOUQUARD, MR. LUJAN, MR. ROE, MR. LOWERY OF CALIFORNIA, MR. DUNCAN OF TENNESSEE, MR. DANNEMEYER, MR. WALKER, MR. FORSYTHE, MR. WON PAT, MR. BAILEY OF PENNSYLVANIA, MR. WHITEHURST, MR. MORRISON, MR. BURGENER, MR. WALGREN, MR. WINN

To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.

Oct. 13, 1981.—Referred to Subcommittee on Energy Research and Production.
Oct. 15, 1981.—Subcommittee hearing.
Oct. 21, 1981.—Subcommittee meeting (markup). Ordered bill reported to Full Committee, as amended.

Superseded by H.R. 5016.

H.R. 4712 **Oct. 7, 1981**

MR. CONYERS, MR. SMITH OF PENNSYLVANIA, MR. OBERSTAR, MR. CROCKETT, MR. ROSENTHAL, AND MR. MITCHELL OF MARYLAND

To establish a Federal Oil and Gas Development Corporation to provide for the exploration for and extraction of oil and gas located on and under Federal land.

(Jointly to the Committees on Energy and Commerce, Interior and Insular Affairs, and Science and Technology)

Oct. 20, 1981.—Referred to Subcommittee on Energy Development and Applications.

H.R. 4830 **Oct. 22, 1981**

MR. GREGG (FOR HIMSELF), MR. SCHEUER, MR. WALGREN, MRS. SCHNEIDER, MR. CARNEY, MR. LEACH OF IOWA, MR. BAILEY OF MISSOURI, MR. FISH, MR. BROWN OF CALIFORNIA, MR. GIBBONS, MR. MITCHELL OF MARYLAND, MR. MOLINARI, MR. MITCHELL OF NEW YORK, MR. COURTER, MR. JAMES K. COYNE, MR. MINETA, MR. ROE, MR. KEMP, MR. HARKIN, MR. GUNDERSON, MRS. HECKLER, MR. HORTON, MR. EDGAR, MR. ADDABBO, MR. HUGHES, MR. RUDD, MR. DYMALLY, MR. BEILENSON, MR. MCGRATH, MR. HENDON

To strengthen research and development programs aimed at understanding the causes and effects of acid precipitation, and to establish a process for cooperative decisionmaking on strategies to control this environmental problem.

(Jointly to the Committees on Science and Technology and Energy and Commerce)

Oct. 28, 1981.—Referred to Subcommittee on Natural Resources, Agriculture Research and Environment.

Oct. 28, 1981.—Reports requested from the Environmental Protection Agency, the National Oceanic and Atmospheric Administration, Department of Agriculture and the Council on Environmental Quality.

Dec. 9, 1981.—Subcommittee hearing.

H.R. 4989 **Nov. 16, 1981**

MR. SOLARZ

To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

(Jointly to the Committees on Banking, Finance and Urban Affairs, the Judiciary, and Science and Technology)

Identical to H.R. 1506 and H.R. 4069.

Nov. 18, 1981.—Referred to Subcommittee on Science, Research and Technology.

H.R. 5016 **Nov. 18, 1981**

Mrs. Bouquard (for herself), Mr. Lujan, Mr. Fuqua, Mr. Goldwater of California, Mr. Lundine, Mr. Winn, Mr. Roe, Mr. Walker, Mr. Scheuer, Mr. Carney, Mr. Walgren, Mr. Gregg, Mr. Flippo, Mr. Skeen, Mr. Young of Missouri, Mr. Gore, Mr. White, Mr. Volkmer, Mr. Ralph M. Hall, Mr. Lowery of California

To establish a Federal policy with respect to the disposal of high-level radioactive waste from civilian nuclear activities, to provide for the construction, operation, and maintenance of waste disposal facilities, to provide for a program of nuclear waste and spent fuel research and development, and for other purposes.

(Jointly to the Committees on Energy and Commerce, Interior and Insular Affairs, Science and Technology, and Rules)

Supersedes H.R. 1909, H.R. 1993, H.R. 2881 and H.R. 4697.

Hearings printed, No. 66.

Nov. 20, 1981.—Full Committee meeting (markup). Ordered bill reported with amendments.
Dec. 15, 1981.—Report filed in House (H.Rept. 97-411, pt. 1).
Sep. 9, 1982.—Sequentially referred to the Committees on Merchant Marine and Fisheries and the Judiciary for a period ending not later than September 15, 1982.
Sep. 15, 1982.—Committees on Merchant Marine and Fisheries and the Judiciary discharged from further consideration.
Sep. 22, 1982.—Rules Committee hearing on H.R. 3809, nuclear waste legislation which H.R. 7187 (containing the provisions of H.R. 5016) is proposed to be offered as an amendment in the nature of a substitute to H.R. 3809 on the Floor. No action taken by the Rules Committee.
Sep. 28, 1982.—Rules Committee hearing. Rule granted (modified; two-and-a-half hours). The text of H.R. 7187 (containing the provisions of H.R. 5016) shall be considered under the five-minute rule as an amendment in the nature of a substitute for H.R. 3809 for the purpose of amendment (H.Res. 601).
Nov. 29, 1982.—H.R. 3809 considered by House.
Nov. 30, 1982.—H.R. 3809 considered by House.
Dec. 2, 1982.—H.R. 3809 passed the House.
Dec. 6, 1982.—Placed on Senate Calendar.
Dec. 20, 1982.—H.R. 3809 (containing the provisions of H.R. 5016) was brought up by unanimous consent by the Senate and passed after agreeing to the amendments proposed thereto (Cong. Record S15621-S15670).
Dec. 20, 1982.—By a yea-and-nay vote of 256 yeas to 32 nays, the House agreed to H.Res. 636, providing for the consideration of H.R. 3809 and the Senate amendment thereto. Pursuant to the provisions of H.Res. 636, the Senate amendment to H.R. 3809 was agreed to, clearing the measure for the President (Cong. Record H10516-10544).
Jan. 7, 1983.—Signed by the President. P.L. 97-425.

H.R. 5055 **Nov. 19, 1981**

Mr. Rahall (for himself), Mr. Bliley, Mr. Applegate, Mr. Kogovsek, Mr. Murphy, Mr. Perkins, Mr. Bailey of Pennsylvania, Mr. Synar, Mr. Daniel B. Crane, Mr. Young of Alaska, Mr. Mollohan, Mr. Staton of West Virginia, Mr. Ertel, Mrs. Bouquard, Mr. Fish, Mr. Simon, Mr. Railsback, Mrs. Holt, Mr. Dymally, Mr. Taylor, Mr. Stangeland, Mr. Coats, Mr. Murtha, Mr. Goodling, Mr. Marriott, Mr. Rogers, Mr. Regula, Mr. Roemer, Mr. Butler

To provide for an accelerated study of the causes and effects of acid rain, to provide for an examination of certain acid precursor control technologies, and for other purposes.

(Jointly to the Committees on Energy and Commerce and Science and Technology)

Nov. 30, 1981.—Referred to Subcommittee on Natural Resources, Agriculture Research and Environment.
Dec. 9, 1981.—Subcommittee hearing.

H.R. 5254 **Dec. 16, 1981**

Mr. Fuqua (for himself) and Mr. Walgren, Mr. Brown of California, Mr. Dymally, Mr. Ertel, Mr. Flippo, Mr. Lujan, Mr. Roe, Mr. Hollenbeck, Mr. Harkin, Mrs. Heckler, Mr. Glickman, Mr. Young of Missouri, Mr. McGrath, Mr. Wolpe, Mr. Shamansky, Mr. McCurdy, Mr. Fish, Mr. Ralph M. Hall, Mrs. Schneider

To provide a national policy for engineering, technical, and scientific manpower, to create a national coordinating Council on Engineering and Scientific Manpower, and for other purposes.

Hearings printed, Nos. 80, 93, 107.

Jan. 4, 1982.—Referred to Subcommittee on Science, Research and Technology.
Feb. 11, 1982.—Field hearing (Pittsburgh, PA).
Feb. 27,29, 1982.—Subcommittee hearings.
May 7, 1982.—Field hearing (Norman, OK).
Sep. 15, 1982.—Subcommittee meeting (markup).
Sep. 16, 1982.—Subcommittee meeting (markup). Ordered clean bill to be introduced in the House for consideration of the Full Committee.

Superseded by H.R. 7130.

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H.R. 5401 **Jan. 29, 1982**

MR. SCHEUER

To amend the National Climate Program Act to authorize appropriations for such Act for fiscal years 1983 and 1984 and for other purposes.

Feb. 3, 1982.—Referred to Subcommittee on Natural Resources, Agriculture Research and Environment.
Mar. 16, 1982.—Subcommittee hearing.

H.R. 5508 **Feb. 10, 1982**

MR. ANTHONY (FOR HIMSELF), MR. WEAVER, MR. JEFFORDS, MR. DASCHLE, MR. STANGELAND, MR. BEDELL, MR. COELHO, AND MR. EVANS OF IOWA

To amend the Energy Security Act to consolidate in the Department of Agriculture authority to provide financial assistance for energy projects which use wood and wood wastes and residues as feedstocks, and for other purposes.

(Jointly to the Committees on Agriculture, Banking Finance and Urban Affairs, Energy and Commerce, and Science and Technology)

Feb. 17, 1982.—Referred to Subcommittee on Energy Development and Applications.

H.R. 5725 **Mar. 4, 1982**

MR. FUQUA (BY REQUEST)

To authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal years 1983 and 1984, and for other purposes.

Administration Proposal (Executive Communication 3040)

Mar. 5, 1982.—Referred to Subcommittee on Science, Research and Technology.

See H.R. 5726.

H.R. 5726 **Mar. 4, 1982**

MR. FUQUA (FOR HIMSELF) AND MR. WALGREN

To authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal year 1983 and for other purposes.

Hearings printed, No. 73.

Mar. 5, 1982.—Referred to Subcommittee on Science, Research and Technology.
Feb. 9,10, 1982.—Subcommittee hearings held prior to introduction.
Mar. 17, 1982.—Subcommittee meeting (markup). Ordered bill forwarded to Full Committee with amendments.
Mar. 23, 1982.—Full Committee meeting (markup).
Apr. 1, 1982.—Full Committee meeting (markup). Ordered bill reported with amendments.
May 4, 1982.—Rules Committee hearing requested.
May 5, 1982.—Report filed in House (H.Rept. 97-501).
May 11, 1982.—Rules Committee hearing. Rule granted (one hour, open).
May 19, 1982.—Passed House, amended, by vote of 249-131. Subsequently, the Senate mearsure, S.2271, was called up; the text of H.R. 5726, as amended by the House, inserted in lieu; and was passed by voice vote (Cong. Record H2330-H2340).
Aug. 12, 1982.—Senate concurred in the amendment to S.2271, with amendments: Senator Baker (for Messrs. Schmitt and Cannon) unprinted amendments, No. 1225, redefining Robotics research program, eliminating a floor on the Office of Weights and Measures and providing a floor for Metals Processing (Cong. Record S10303-S10304).
Sep. 22, 1982.—House agreed to amendments to the Senate amendments to S.2271, clearing measure for the President.
Sep. 28, 1982.—Sent to the President.
Oct. 6, 1982.—Signed by the President. P.L. 97-286.

H.R. 5748 **Mar. 8, 1982**

MR. FUQUA (BY REQUEST)

National Science Foundation Authorization Act for fiscal years 1983 and 1984.

Administration Proposal. (Executive Communication 3395)

Mar. 9, 1982.—Referred to Subcommittee on Science, Research and Technology.
Feb. 17,18,23; Mar. 4, 1982.—Subcommittee hearings held prior to introduction.
Mar. 10, 1982.—Subcommittee meeting (markup). Ordered clean bill to be introduced.

Superseded by H.R. 5842.

H.R. 5842 **Mar. 16, 1982**

MR. FUQUA

To authorize appropriations for activities of the National Science Foundation for fiscal years 1982 and 1983, and for other purposes.

Supersedes H.R. 5748.

Mar. 17, 1982.—Referred to Subcommittee on Science, Research and Technology.
Mar. 18,23, 1982.—Full Committee meetings (markups).
Apr. 1, 1982.—Full Committee meeting (markup). Ordered bill reported with amendments.
Apr. 26, 1982.—Report filed in House (H. Rept. 97-485).
May 4, 1982.—Rules Committee hearing requested.
May 11, 1982.—Rules Committee hearing. Rule granted (one hour, open).
May 19, 1982.—Passed House, amended, by vote of 282-111 (Cong. Record H2310-H2330).
May 21, 1982.—Placed on Senate Calendar.

H.R. 5880 **Mar. 17, 1982**

MR. SHAMANSKY, MR. LEE, MR. MURPHY, MR. SMITH OF PENNSYLVANIA, MR. HARKIN, MR. MARKEY, MR. WHITEHURST, MR. FAUNTROY, MR. CORRADA, MR. SAVAGE, MR. WEISS, MR. ECKART, MR. HERTEL OF MICHIGAN, MR. WALGREN, MR. GORE, MR. LUJAN, MR. ERTEL, MRS. SCHNEIDER, MR. GLICKMAN, MR. ROTH, MR. SEIBERLING

To provide for an automobile research competition to produce a radically new automobile embodying high fuel economy, safety, and environmental standards, and for other purposes.

Hearings printed, No. 104.

Mar. 22, 1982.—Referred to Subcommittee on Transportation, Aviation and Materials.
June 15, 1982.—Subcommittee hearing.
Sep. 29, 1982.—Subcommittee meeting (markup). Ordered bill forwarded to Full Committee with amendments.

H.R. 5890 **Mar. 18, 1982**

MR. FUQUA

To authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, and for other purposes.

Hearings printed, Nos. 71, 98.

Mar. 22, 1982.—Referred jointly to Subcommittee on Space Science and Applications and Subcommittee on Transportation, Aviation and Materials.
Hearings held prior to introduction:
Feb. 4, 1982.—Subcommittee on Space Science and Applications field hearing (Kennedy Space Center, FL);
Feb. 9, 1982.—Subcommittee on Space Science and Applications and Subcommittee on Transportation, Aviation and Materials joint hearing;
Feb. 10, 1982.—Subcommittee on Space Science and Applications hearing;
Feb. 12, 1982.—Subcommittee on Space Science and Applications field hearing (Huntsville, AL);
Feb. 13, 1982.—Subcommittee on Space Science and Applications field hearing (New Orleans, LA);
Feb. 15, 1982.—Subcommittee on Space Science and Applications field hearing (Houston, TX);
Feb. 17, 1982.—Subcommittee on Transportation, Aviation and Materials hearing;
Feb. 22,23,24,25, 1982.—Subcommittee on Space Science and Applications hearings;
Mar. 2,3, 1982.—Subcommittee on Space Science and Applications hearings;
Mar. 4, 1982.—Subcommittee on Space Science and Applications and Subcommittee on Transportation, Aviation and Materials joint hearing;
Mar. 16, 1982.—Subcommittee on Space Science and Applications meeting (markup). Bill ordered to be introduced.
Mar. 25, 1982.—Subcommittee on Transportation, Aviation and Materials meeting (markup). Ordered bill forwarded to Full Committee with amendments.
Apr. 28, 1982.—Full Committee meeting (markup). Ordered bill reported with amendments.
May 4, 1982.—Rules Committee hearing requested.
May 5, 1982.—Report filed in House (H.Rept. 97-502).
May 11, 1982.—Rules Committee hearing. Rule granted (one hour, open).
May 13, 1982.—Passed House by vote of 277-84 (Cong. Record H2184-H2218).
May 17, 1982.—Referred to Senate Committee on Commerce, Science and Transportation.
June 9, 1982.—Senate Committee on Commerce, Science and Transportation discharged from further consideration by unanimous consent.
June 9, 1982.—Passed Senate after striking all after the enacting clause and inserting in lieu thereof the text of S. 2604, the Senate companion measure (Cong. Record S6478-S6480).
June 22, 1982.—House disagreed to the amendment of the Senate and requested a conference with the Senate.
June 22, 1982.—House appointed conferees: Messrs. Fuqua, Flippo, Glickman, Nelson, Brown of California, Winn, Goldwater and Hollenbeck. Solely for consideration of Section 5 of the Senate amendment and modifications committed to conference, the House appointed conferees: Messrs. Stratton, Boland, Gore and Robinson.
Sep. 22, 1982.—Senate insisted on its amendments to H.R. 5890; agreed to the conference requested by the House thereon, and appointed as conferees: Senators Packwood, Schmitt, Goldwater, Cannon, and Riegle (Cong. Record S11987).
Sep. 28, 29, 1982.—Conferees met.
Sep. 29, 1982.—Conferees agreed.
Sep. 29, 1982.—Conference Report filed in the House (H.Rept. 97-897).
Sep. 30, 1982.—Senate agreed to Conference Report.
Oct. 1, 1982.—By a yea and nay vote of 284-83, Roll Call No. 390, the House agreed to the Conference Report, clearing the measure for the President.
Oct. 15, 1982.—Signed by the President. P.L. 97-324.

H.R. 5991 **Mar. 30, 1982**

MR. WALGREN (FOR HIMSELF) AND MR. FUQUA

To authorize appropriations for activities of the National Science Foundation for fiscal years 1982 and 1983, and for other purposes.

Apr. 2, 1982.—Referred to Subcommittee on Science, Research and Technology.

See H.R. 5842.

H.R. 6006 **Mar. 31, 1982**

MR. BROOKS

To transfer certain functions of the Secretary of Commerce under the Federal Property and Administrative Services Act of 1949 relating to the acquisition of automatic data processing equipment and services to the Administrator of General Services.

(Jointly to the Committees on Government Operations and Science and Technology)

Apr. 6, 1982.—Referred to Subcommittee on Science, Research and Technology.

H.R. 6007 **Mar. 31, 1982**

MR. BROWN OF CALIFORNIA (FOR HIMSELF), MR. SCHEUER, MR. DORGAN, MR. SANTINI, AND MR. WIRTH

To declare a national weather modification policy, to establish a national program of research and development in weather modification, to test and verify the safety and efficacy of weather modification techniques, to improve the technical base and standards for the private weather modification industry, to provide for the reporting of weather modification activities, and for related purposes.

Apr. 8, 1982.—Referred to Subcommittee on Natural Resources, Agriculture Research and Environment.

H.R. 6112 **Apr. 20, 1982**

MR. D'AMOURS, MR. ANDERSON

To amend title II of the Marine Protection, Research and Sanctuaries Act of 1972.

(Jointly to the Committees on Science and Technology, and Merchant Marine and Fisheries)

Apr. 26, 1982.—Referred to Subcommittee on Natural Resources, Agriculture Research and Environment.
May 17, 1982.—Report of Committee on Merchant Marine and Fisheries filed in House (H. Rept. 97-558, pt. 1).

H.R. 6159 **Apr. 26, 1982**

MR. RITTER (FOR HIMSELF), MR. FUQUA, MR. WALGREN, MR. BROWN OF CALIFORNIA, MR. LOWERY OF CALIFORNIA

To establish a program under the coordination of the Office of Science and Technology Policy for improving the use of risk analysis by those Federal agencies concerned with regulatory decisions related to the protection of human life, health, and the environment.

Supersedes H.R. 3441.

Apr. 29, 1982.—Referred to Subcommittee on Science, Research and Technology.
May 13, 1982.—Full Committee meeting (markup). Ordered bill reported, with an amendment.
June 24, 1982.—Report filed in House (H.Rept. 97-625).
Aug. 2, 1982.—Passed House under Suspension of Rules (Cong. Record H4960-H4963).
Aug. 3, 1982.—Referred to Senate Committee on Commerce, Science and Transportation.

H.R. 6185 **Apr. 28, 1982**

MR. APPLEGATE

To amend the Clean Air Act, and for other purposes.

(Jointly to the Committees on Energy and Commerce and Science and Technology)

May 3, 1982.—Referred to Subcommittee on Natural Resources, Agriculture Research and Environment.

H.R. 6193 **Apr. 28, 1982**

MR. FUQUA (FOR HIMSELF) AND MR. GLICKMAN

To authorize appropriations for fiscal year 1983 for research, engineering and development, and demonstration projects relating to aviation.

Hearings printed, No. 78.

May 3, 1982.—Referred to Subcommittee on Transportation, Aviation and Materials.
May 4, 1982.—Subcommittee meeting (markup). Ordered bill forwarded to Full Committee.
May 13, 1982.—Full Committee meeting (markup). Ordered bill reported.
May 17, 1982.—Report filed in House (H.Rept. 97-523).
May 18, 1982.—Rules Committee hearing requested.
June 2, 1982.—Rules Committee hearing. Rule granted (four hours; open).

See H.R. 2643.

H.R. 6245 **Apr. 29, 1982**

MR. WALGREN (FOR HIMSELF), MR. FUQUA, MRS. HECKLER, MR. BROWN OF CALIFORNIA, MR. HOLLENBECK, MR. ROE, MR. LUNDINE, MR. DYMALLY, MR. ERTEL, MR. FAUNTROY, MR. LANTOS, MR. WYLIE, MR. JACOBS

To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation and testing.

(Jointly to the Committees on Energy and Commerce and Science and Technology)

Apr. 30, 1982.—Referred to Subcommittee on Science, Research and Technology.
May 4, 1982.—Subcommittee hearing.
May 7, 1982.—Reports requested from Department of Defense, Veterans Administration, Department of Agriculture, Department of Health and Human Services, National Science Foundation, Environmental Protection Agency, National Aeronautics and Space Administration.
May 13, 1982.—Report received from Department of Agriculture; unfavorable.
June 7, 1982.—Report received from the National Science Foundation; unfavorable.
June 8, 1982.—Report received from National Aeronautics and Space Administration; unfavorable.
June 9, 1982.—Subcommittee meeting (markup). Ordered bill, amended, forwarded to Full Committee.
July 7, 1982.—Report received from Environmental Protection Agency; unfavorable.
Aug. 3, 1982.—Full Committee meeting (markup). Ordered clean bill to be introduced in the House.

Superseded by H.R. 6928.

H.R. 6269 **May 4, 1982**

MRS. SMITH OF NEBRASKA

To establish objective criteria and procedures for closing and consolidating weather stations.

May 10, 1982.—Referred to Subcommittee on Natural Resources, Agriculture Research and Environment.

H.R. 6272 **May 4, 1982**

MR. WALGREN (FOR HIMSELF) AND MR. BROWN OF CALIFORNIA

To amend the Earthquake Hazards Reduction Act of 1977 to extend authorization of appropriations, and for other purposes.

(Jointly to the Committees on Science and Technology and Interior and Insular Affairs)

Hearings printed, No. 76.

May 5, 1982.—Referred to Subcommittee on Science, Research and Technology.
May 5, 1982.—Subcommittee meeting (markup). Ordered bill forwarded to Full Committee.
May 7, 1982.—Report requested from Federal Emergency Management AGency.
May 12, 1982.—Report received from Federal Emergency Management Agency; unfavorable.
May 13, 1982.—Full Committee meeting (markup). Ordered bill reported.
May 17, 1982.—Report filed in House (H.Rept. 97-535, pt. 2).
Sep. 14, 1982.—Passed House under Suspension of Rules. Subsequently, passage was vacated and S.2273, a similar Senate-passed bill, was passed in lieu after being amended to contain the language of H.R. 6272. Agreed to amend the title of the Senate bill.
Sep. 16, 1982.—Senate concurrence requested.
Oct. 1, 1982.—Senate concurred in the amendments of the House to S.2273, with a Baker (for Schmitt) uprinted amendment No. 1367, eliminating authorization for fiscal year ending September 30, 1984 and reducing authorizations for fiscal year 1983.
Oct. 1, 1982.—House agreed to the Senate amendments numbered 1,3, 4,5,6,7 and 8; and agreed, with an amendment, to Senate amendment numbered 2 to the House amendments to S.2273, returning the measure to the Senate.
Dec. 16, 1982.—Senate concurred in the amendment of the House to the Senate amendment (No. 2) to S.2273, clearing the measure for the President.
Jan. 12, 1983.—Signed by the President. P.L. 97-464.

H.R. 6289 **May 5, 1982**

MRS. SCHNEIDER (FOR HERSELF) AND MR. SCHEUER

To provide for the establishment of a Federal program of research and development with respect to indoor air pollution.

(Jointly to the Committees on Energy and Commerce and Science and Technology)

May 11, 1982.—Referred to Subcommittee on Natural Resources, Agriculture Research and Environment.

See H.R. 6323.

H.R. 6323 **May 6, 1982**

Mr. Scheuer (for himself), Mr. Blanchard, Mr. Brown of California, Mrs. Schneider, Mr. Walgren, and Mr. White

To authorize appropriations for environmental research, development, and demonstration for the fiscal years 1983 and 1984, and for other purposes.

Hearings printed, No. 124.

Retained in Full Committee.

May 18, 1982.—Full Committee meeting (markup). Ordered bill reported, with an amendment.
May 18, 1982.—Report filed in House (H.Rept. 97-574).
June 17, 1982.—Rules Committee hearing requested.
July 27, 1982.—Rules Committee hearing. Rule granted (one hour; open).
Aug. 17, 1982.—Passed House by vote of 314-92. An amendment in the nature of a substitute, as amended (agreed to by vote of 244-153), that establishes the Fiscal Year 1983 authorization at $277.9 million (agreed to by vote of 394-7); and an amendment to the amendment in the nature of a substitute that permits EPA to use the Senior Environmental Corps in all fifty States. Subsequently, this passage was vacated and S.2577, a similar Senate-passed bill was passed in lieu after being amended to contain the language of H.R. 6323, as passed. Agreed to amend the title of the Senate bill (Cong. Record H6052-H6073).
Oct. 1, 1982.—Senate concurred in House amendments to S.2577, with a Baker (for Gorton) unprinted amendment No. 1370, authorizing funds for programs of environmental monitoring, energy research, indoor air pollution research, and senior environmental assistance to Federal, State, and local environmental agencies.
Oct. 1, 1982.—House agreed to the Senate amendment to the House amendments to S.2577, clearing the measure for the President.
Oct. 22, 1982.—Vetoed by the President.
Nov. 30, 1982.—Veto message indefinitely postponed by the Senate.

H.R. 6324 **May 6, 1982**

Mr. Scheuer (for himself), Mr. Blanchard, Mr. Brown of California, Mrs. Schneider, Mr. Walgren, and Mr. White

To authorize appropriations for atmospheric, climatic, and ocean pollution activities of the National Oceanic and Atmospheric Administration for the fiscal years 1983 and 1984, and for other purposes.

(Jointly referred to the Committees on Science and Technology and Merchant Marine and Fisheries)

Retained in Full Committee.

Hearings printed, No. 84.

May 17, 1982.—Committee on Merchant Marine and Fisheries report filed in House. H.Rept. 97-557, pt. 1.
May 18, 1982.—Full Committee meeting (markup). Ordered bill reported, with amendments.
May 18, 1982.—Report filed in House (H.Rept. 97-557, pt. 2).
July 27, 1982.—Rules Committee hearing. Rule granted (one hour;open) making in order the text of H.R. 6798 as an amendment in the nature of a substitute.
Aug. 17, 1982.—Passed House by vote of 340-65. Agreed to Committee amendment in the nature of a substitute (text of H.R. 6798), as amended by an amendment that establishes objective criteria and procedures for closing, consolidating, or opening weather stations, to require the National Weather Service to consult with affected local communities, and to provide a mechanism to appeal weather service decisions; and three technical amendments of a conforming nature (Cong. Record H6073-H6093).
Aug. 19, 1982.—Placed on Senate Calendar.
Dec. 16, 1982.—Passed Senate, after agreeing to Stevens (for Schmitt) unprinted amendment No. 1531, in the nature of a substitute.
Dec. 20, 1982.—Objection was heard to unanimous consent request for consideration by the House of Senate amendments (Cong. Record H10474).

H.R. 6351 **May 11, 1982**

Mr. Pashayan

To authorize and direct the Secretary of Agriculture to provide agricultural weather (including fruit-frost) and fire weather services, and for other purposes.

(Jointly to the Committees on Agriculture and Science and Technology)

May 17, 1982.—Referred to Subcommittee on Natural Resources, Agriculture Research and Environment.

H.R. 6605 **June 16, 1982**

Mr. Reuss (for himself) and Mr. Bedell

To amend the Internal Revenue Code of 1954 to discourage large corporate acquisitions and to encourage small business.

(Jointly to the Committees on Ways and Means and Science and Technology)

June 23, 1982.—Referred to Subcommittee on Science, Research and Technology.

H.R. 6656 **June 22, 1982**

Mr. Winn, Mr. Gingrich

To establish a program of presidential teaching and research fellowships in mathematics and science and a presidential precollege science and mathematics inservice teaching program, and for other purposes.

(Jointly to the Committees on Science and Technology and Education and Labor)

June 24, 1982.—Referred to Subcommittee on Science, Research and Technology.

H.R. 6753 **July 13, 1982**

Mrs. Smith of Nebraska (for herself) Mr. Simon, Mr. McCollum, Mr. Bafalis, Mr. Gunderson, Mr. Oxley, Mr. Chappie, Mr. McDade, Mr. Thomas, Mr. Lagomarsino, Mr. Young of Florida, Mr. Emerson, Mr. Roberts of South Dakota, Mr. Kogovsek, Mr. Marriott, Mr. Chappell, Mr. Pepper, Mr. Kildee, Mr. Ottinger, Mr. Hubbard, Mr. Daschle, Mr. Roe, Mr. Corrada, Mr. Bedell, Mr. Corcoran, Mr. Santini, Mrs. Bouquard, Mr. Montgomery, Mr. Schumer, Mr. Young of Alaska, Mr. Clausen, Mr. Ertel, Mr. Fauntroy, Mr. Gillis W. Long, Mr. Erdahl, Mr. Clinger, Mr. Akaka, Mr. Fascell, Mr. Bennett, Mr. Albosta, Mr. Hughes, Mr. Yatron, Mr. Wolpe, Mr. Fazio

To establish objective criteria and procedures for closing and consolidating weather stations.

Identical to H.R. 6269.

July 20, 1982.—Referred to Subcommittee on Natural Resources, Agriculture Research and Environment.

H.R. 6798 **July 20, 1982**

Mr. Fuqua (for himself), Mr. Jones of North Carolina, Mr. Scheuer, Mr. D'Amours, Mr. Blanchard, Mr. Brown of California, Mr. Pritchard, Mr. Forsythe, Mrs. Schneider, Mr. White, and Mr. Walgren

To authorize appropriations for atmospheric, climatic, and ocean pollution activities of the National Oceanic and Atmospheric Administration for the fiscal years 1983 and 1984, and for other purposes.

(Jointly to the Committees on Merchant Marine and Fisheries, and Science and Technology)

Retained in Full Committee.

July 27, 1982.—Rule granted by Rules Committee making in order the text of H.R. 6798 as an amendment in the nature of a substitute for H.R. 6324.

Aug. 17, 1982.—House incorporated this measure as an amendment in the nature of a substitute for H.R. 6324 which subsequently passed the House by a vote of 340–65 (Cong. Record H6073–H6093).

See H.R. 6324.

H.R. 6836 **July 22, 1982**

Mrs. Bouquard

To authorize the collection of funds for nuclear accident cleanup operations and for reimbursement of related research and development expenses.

(Jointly to the Committees on Energy and Commerce, Interior and Insular Affairs, and Science and Technology only for consideration of Section 8)

July 27, 1982.—Referred to Subcommittee on Energy Research and Production.

H.R. 6928 **Aug. 4, 1982**

Mr. Fuqua (for himself), Mr. Walgren, Mrs. Heckler, Mr. Brown of California, Mr. Roe, Mr. Lundine, Mr. Dymally, Mr. Fish, Mr. Scheuer, Mr. Carney, Mr. Young of Missouri, Mr. Ertel, Mr. Fauntroy, Mr. Lantos, Mr. Jacobs, Mr. Wylie, Mr. Moffett, Ms. Mikulski, Mr. John L. Burton, Mr. Bailey of Pennsylvania, Mr. Frank, Mr. Whitehurst, Mr. Minish, Mr. Pease, Mr. Traxler, Mr. Udall, Mr. Weiss, Mr. Howard, Mr. Edgar, Mr. Mavroules, Mr. Mitchell of Maryland, Mr. Rinaldo, Mr. Boland, Mr. Wilson, Mr. Gilman, Mr. McKinney, Mr. Mitchell of New York, Mr. Rose, Mr. Crockett, Mr. Mottl, Mr. Weaver, Mr. Clausen, Mr. Dougherty, Mr. Dixon of Calif., Mr. Ford of Tennessee, Mr. Corrada, Mr. Gejdenson, Mr. Schumer, Mr. Akaka, Mr. Yates, Mr. Rosenthal, Mr. Jeffords, Mr. Rodino, Mr. Price, Mr. Downey, Mr. Zeferetti, Mr. St Germain, Mr. Edwards of California, Mr. Kramer, Mr. Bingham, Mrs. Schneider, Mr. Conyers, Mr. Mineta, Mr. Fazio, Mr. Dellums, Mr. Addabbo, Mr. Bafalis, Mr. Oberstar, Mr. Ratchford

To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

(Jointly to the Committees on Energy and Commerce, and Science and Technology)

Supersedes H.R. 6245.

Retained in Full Committee.

Aug. 11, 1982.—Full Committee meeting (markup). Ordered bill reported.
Aug. 19, 1982.—Report filed in House (H.Rept. 97–777, pt. 1).

H.R. 6930 **Aug. 4, 1982**

Mrs. Heckler, Mr. Won Pat, Mr. Akaka, Mr. Pepper, Mr. Corrada, Mr. Walgren, Mr. Dornan of California, Mr. Frank, Mr. Roe, Mr. Mitchell of Maryland, and Mrs. Schneider

To establish within the National Science Foundation a Presidential Science and Engineering Young Investigators Awards Program, a Presidential Pre-College Science and Mathematics Improvement Program, and a Federal Program for University Research Facilities and Manpower Improvement, and for other purposes.

Aug. 13, 1982.—Referred to Subcommittee on Science, Research and Technology.

H.R. 6950 **Aug. 5, 1982**

Mr. Walgren (for himself), Mrs. Heckler, Mr. Brown of California, Mr. Ertel, Mr. Dymally, Mr. McCurdy, Mr. Frank, Mr. McDade, Mr. Flippo, Mr. Pepper, Mr. Roe, Mr. Mitchell of Maryland, Mr. Pritchard, Ms. Ferraro, Mr. Gingrich, Mr. LaFalce, Mr. Pease, Mr. Weaver, Mr. DeNardis, Mr. Bailey of Pennsylvania, Mr. Washington

To establish a National High-Technology Technician Training Program, utilizing the resources of the Nation's two-year community colleges to contribute to the economic strength of the United States by creating a pool of skilled technicians in strategic high-technology fields, to increase national productivity, to improve the competitiveness of the United States in international trade, and for other purposes.

(Jointly to the Committees on Education and Labor, and Science and Technology)

Aug. 13, 1982.—Referred to Subcommittee on Science, Research and Technology.

H.R. 7130 **Sep. 16, 1982**

Mr. Fuqua (for himself) Mr. Walgren, Mrs. Heckler, Mr. Williams of Montana, Mr. Brown of California

To provide a national policy for engineering, technical, and scientific manpower, to provide for cost-sharing by the private sector in training such manpower, to create a national Coordinating Council on Engineering and Scientific Manpower, and for other purposes.

Retained in Full Committee.

Supersedes H.R. 5254.

Sep. 22, 1982.—Full Committee meeting (markup). Ordered bill reported without amendments.
Oct. 5, 1982.—Report filed in House (H.Rept. 97–933. pt. 1).
Oct. 5, 1982.—Sequentially referred to Committee on Education and Labor for a period ending not later than December 3, 1982.
Dec. 3, 1982.—Committee on Education and Labor report filed in House (H.Rept. 97–933, pt. 2).

H.R. 7187 **Sept. 24, 1982**

MR. UDALL (FOR HIMSELF), MR. DINGELL, MR. FUQUA, MR. BROYHILL, MR. OTTINGER, MR. LUJAN, MRS. BOUQUARD, MRS. BYRON, MR. HUCKABY, AND MR. MOORHEAD

To provide for the development of repositories for the disposal of high-level radioactive waste and spent nuclear fuel, to establish a program of research, development, and demonstration regarding the disposal of high-level radioactive waste and spent nuclear fuel, and for other purposes.

(Jointly to the Committees on Energy and Commerce, Interior and Insular Affairs, Rules, and Science and Technology)

Retained in Full Committee.

Sep. 30, 1982.—Considered by House as an amendment in the nature of a substitute to H.R. 3809, as provided by H.Res. 601, the rule under which H.R. 3809 is being considered: Title I–all procedures apply if the R&D facility is located at a repository site; Title II–authorizes the Test and Evaluation Facility program; Title III–relates to other sections on radioactive waste which are jointly shared with other Committees of jurisdiction.

See H.R. 5016 for further action.

H.R. 7255 **Sept. 30, 1982**

MR. YOUNG OF ALASKA

To provide a comprehensive national policy with respect to Arctic research.

Oct. 15, 1982.—Referred to Subcommittee on Science, Research and Technology.

H.R. 7411 **Dec. 13, 1982**

MR. AKAKA (FOR HIMSELF), MR. FUQUA, MR. FLIPPO, MR. HOLLENBECK, MR. LOWERY OF CALIFORNIA, MR. McGRATH, MR. LONG OF MARYLAND, MR. WALKER, MR. SKEEN, MR. SCHEUER, MR. ALEXANDER, MRS. BOGGS, MR. MARKEY, MRS. SCHNEIDER, MR. MATSUI, MR. MAVROULES, MR. HOYER, MR. LANTOS, MS. OAKAR, MR. WHITEHURST, MR. MATTOX, MR. ERDAHL, MR. GINGRICH, MR. GRISHAM, MR. KRAMER, MR. CLAUSEN, MRS. CHISHOLM, MR. JOHN L. BURTON, MR. JEFFRIES, MR. HANSEN OF IDAHO, MRS. HECKLER, MR. BROWN OF CALIFORNIA, MR. YOUNG OF MISSOURI, MRS. FIEDLER, MR. UDALL, MR. LUJAN, MR. HEFTEL OF HAWAII, MR. SANTINI, MR. WON PAT, MR. BADHAM, MR. FORSYTHE, MR. WATKINS, MR. KEMP, MR. FISH, MR. STOKES, MR. BETHUNE, MR. GORE, MR. MORRISON, MR. MINETA, MR. BEVILL, AND MR. SUNIA

To provide encouragement and necessary regulation for the commercial development of space.

Dec. 20, 1982.—Referred to the Subcommittee on Space Science and Applications.

H.R. 7424 **Dec. 15, 1982**

MR. HEFTEL OF HAWAII

To establish a hydrogen research and development program.

Dec. 20, 1982.—Referred jointly to the Subcommittee on Energy Development and Applications and the Subcommittee on Transportation, Aviation and Materials.

HOUSE RESOLUTIONS

H.Res. 202 **July 30, 1981**

MR. GLICKMAN (FOR HIMSELF), MR. GOLDWATER OF CALIFORNIA, MR. HARKIN, MR. FLIPPO, MR. RALPH M. HALL, MR. SHAMANSKY, MR. DYMALLY, MR. HOLLENBECK, MR. DUNN, AND MR. CARNEY

Expressing the sense of the House of Representatives that the Administrator of the Federal Aviation Administration should submit to the Committee on Science and Technology full R&D program planning documentation with respect to the modernization and replacement of the FAA air traffic control enroute computer system.

Aug. 24, 1981.—Referred to Subcommittee on Transportation, Aviation and Materials.
Sep. 30, 1981.—Subcommittee meeting (markup). Ordered Resolution reported, with amendments, to Full Committee.
Oct. 6, 1981.—Full Committee meeting (markup). Ordered Resolution reported with an amendment.
Oct. 14, 1981.—Report filed in House (H.Rept. 97-271).
Oct. 19, 1981.—Passed House under Suspension of Rules, amended, by voice vote. Agreed to amend the title. (Cong. Record H7431-H7435).

H.Res. 514 **June 23, 1982**

MR. WIRTH (FOR HIMSELF), MR. FUQUA, MR. FLIPPO, MR. SCHEUER, MRS. BOUQUARD, MR. WALGREN, MR. GLICKMAN, MR. GORE, MR. DASCHLE, MR. MARKEY, MR. PEPPER, MR. FORD OF TENNESSEE, MR. BARNES, MR. MINETA, MR. AKAKA, MR. BAILEY OF MISSOURI, MR. WAXMAN, MR. LENT, MR. FAUNTROY, MR. WON PAT, MR. HORTON, MR. FRENZEL, MR. WHITE, MR. VOLKMER, MR. BEVILL, MR. WYDEN, MR. WEISS, MR. SUNIA, MR. DYMALLY, MR. WOLPE, MR. HUGHES, MR. CORCORAN, MR. FAZIO, MRS. SCHNEIDER, MR. ROSENTHAL, MR. SYNAR, MR. RITTER, MR. SWIFT, MR. SHAMANSKY, MR. LUNDINE, MR. NELSON, MR. HOLLENBECK, MR. BROWN OF CALIFORNIA, MRS. HECKLER, MR. MURTHA, MR. MOTTL, MR. MCHUGH, MR. OBERSTAR, MR. MAVROULES, MR. MATSUI, MR. MARTIN OF NORTH CAROLINA, MR. MARRIOTT, MR. KEMP, MR. HUTTO, MR. HEFNER, MR. KOGOVSEK, MR. TAUZIN, MR. PANETTA, MR. WINN, MR. SOLARZ, MR. FISH, MR. ROUSSELOT, MR. RODINO, MR. VANDER JAGT, MR. FARY, MR. PRICE, MR. PRITCHARD, MR. EMERY, MR. MURPHY, MR. FOUNTAIN, MRS. FENWICK, MR. VENTO, MR. FRANK, MR. FASCELL, MR. GILMAN, AND MR. ROE

Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

(Jointly to the Committees on Post Office and Civil Service and Science and Technology)

Retained in Full Committee.

Aug. 3, 1982.—Full Committee meeting (hearing and markup). Ordered Resolution reported.
Aug. 17, 1982.—Report filed in House (H.Rept. 97-758, pt. 1).
Dec. 21, 1982.—Committee on Post Office and Civil Service discharged from further consideration.
Dec. 21, 1982.—Passed House, amended (Cong. Record H10709-H10710).

HOUSE JOINT RESOLUTIONS

H.J.Res. 513 **June 17, 1982**

Mrs. Bouquard (for herself), Mr. Fuqua, Mr. Roe, Mr. Flippo, Mr. Young of Missouri, Mr. Walgren, Mr. Gore, Mr. Wright, Mr. Rhodes, Mr. Fazio, Mr. Stratton, Mr. Forsythe, Mr. Mavroules, Mr. Sensenbrenner, Mr. Stark, Mrs. Fenwick, Mr. Pease, Mr. Young of Alaska, Mr. Seiberling, Mr. Shumway, Mr. Kastenmeier, Mr. Fascell, Mr. Trible, Mr. Wilson, Mr. Leath of Texas, Mr. Richmond, Mr. Bailey of Pennsylvania, Mr. Simon, Mr. Heftel of Hawaii, Mr. Traxler, Mr. Minish, Mr. Stump, Mr. Wolf, Mr. Morrison, Mr. Badham, Mrs. Kennelly, Mr. McEwen, Mr. Lowery of California, Mr. Volkmer, Mr. Hollenbeck, Mr. Dannemeyer, Mr. Bliley, Mr. Skeen, Mr. Horton, Mr. Rosenthal, Mr. Boner of Tennessee, Mr. Coelho, Mr. Ford of Tennessee, Mr. McGrath, Mrs. Heckler, Mr. Porter

To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

June 21, 1982.—Referred to Subcommittee on Energy Research and Production.

H.J.Res. 541 **July 20, 1982**

Mr. Hawkins of California (for himself), Mr. Anderson, Mr. Badham, Mr. Beilenson, Mr. Brown of California, Mr. Burgener, Mr. Chappie, Mr. Clausen, Mr. Coelho, Mr. Dixon of Calif., Mr. Dornan of California, Mr. Dreier, Mr. Dymally, Mr. Edwards of California, Mr. Fazio, Mrs. Fiedler, Mr. Grisham, Mr. Lagomarsino, Mr. Lantos, Mr. Lewis, Mr. Lowery of California, Mr. Lungren, Mr. McCloskey, Mr. Matsui, Mr. Miller of California, Mr. Mineta, Mr. Moorhead, Mr. Panetta, Mr. Pashayan, Mr. Patterson, Mr. Rousselot, Mr. Shumway, Mr. Thomas, and Mr. Waxman

Concerning the successful completion of the test flight phase of the space shuttle program.

Retained in Full Committee.

July 26, 1982.—Committee on Science and Technology discharged by unanimous consent.
July 26, 1982.—Called up by House by unanimous consent.
July 26, 1982.—Passed House by unanimous consent.
July 27, 1982.—Placed on Senate Calendar.
Aug. 4, 1982.—Passed Senate after agreeing to Stevens (for Hayakawa and Cranston) unprinted amendment, No. 1180, in the nature of a substitute (Cong. Record S9818).
Aug. 10, 1982.—House cleared for the President by agreeing to the Senate amendment thereto (Cong. Record H5551).
Aug. 12, 1982.— Sent to the President.
Aug. 20, 1982.—Signed by the President. P.L. 97-237.

HOUSE CONCURRENT RESOLUTIONS

H.Con.Res. 38 **Jan. 22, 1981**

Mr. Whitehurst, Mr. Nelligan

Pertaining to the methods used on animals in research.

(Jointly to the Committees on Energy and Commerce and Science and Technology)

Feb. 6, 1981.—Referred to Subcommittee on Science, Research and Technology.
Oct. 13,14, 1981.—Subcommittee hearings.

See H.R. 6928.

H.Con.Res. 65 **Feb. 6, 1981**

Mr. Applegate

Expressing the sense of the Congress that the Congress should appropriate funds for the construction of high BTU coal gasification demonstration plants in Noble County, Ohio, and Perry County, Illinois.

Feb. 18, 1981.—Referred to Subcommittee on Energy Development and Applications.

H.Con.Res. 81 **Feb. 26, 1981**

Mrs. Collins of Illinois, Mr. Whitehurst, Ms. Mikulski, Mr. Stokes, Mr. Forsythe, Mr. Sunia, Mr. Yatron, Mr. Ottinger, Mr. Conyers, Mr. Corrada, Mr. Mineta, Mr. Addabbo, Mr. Walgren, Mr. Roybal, Mr. Won Pat, Mr. Hertel of Michigan, Mr. Vento, and Mr. Anthony

Expressing the sense of the Congress that State and local governments should support the fire safety efforts of the United States Fire Administration to reduce lives and property damage lost by fire.

Mar. 11, 1981.—Referred to Subcommittee on Science, Research and Technology.
Mar. 10, 1982.—Subcommittee meeting (markup). Ordered clean resolution to be introduced.

Superseded by H.Con.Res. 288.

H.Con.Res. 173 **Aug. 4, 1981**

Mr. Grisham, Mr. Bailey of Pennsylvania, Mr. Wilson, Mr. Dreier, Mr. Derwinski, Mr. Gingrich, Mr. Kramer, Mr. Rhodes, Mr. Burgener, Mr. Lagomarsino, Mr. Jeffries, Mr. Sunia, Mr. Daub, Mr. Badham, and Mr. Huckaby

Expressing the sense of the Congress that the United States should embark on a program to construct a permanent manned operations center in low earth orbit within 10 years, and for other purposes.

Aug. 24, 1981.—Referred to Subcommittee on Space Science and Applications.

H.Con.Res. 204 **Oct. 20, 1981**

Mr. Barnard

Expressing the sense of Congress that to encourage educational programs in science and technology, a National Science Center for Communications and Electronics should be established.

Oct. 27, 1981.—Referred to Subcommittee on Science, Research and Technology.
Aug. 3, 1982.—Full Committee meeting (markup). Ordered Resolution reported.
Aug. 13, 1982.—Report filed in House (H.Rept. 97-745).

See S.Con.Res. 130.

H.Con.Res. 242 **Dec. 16, 1981**

Mr. Florio (for himself), Mr. Rodino, Mr. Weaver, Mr. Patterson, Mr. Dellums, Mr. Fauntroy, Mr. Wolf, and Mr. Weiss

Expressing the sense of Congress concerning the resignation of Ann Gorsuch from her post as Administrator of the Environmental Protection Agency.

(Jointly to the Committees on Agriculture, Energy and Commerce, Merchant Marine and Fisheries, Public Works and Transportation, and Science and Technology)

Jan. 19, 1982.—Referred to Subcommittee on Natural Resources, Agriculture Research and Environment.

H.Con.Res. 288 **Mar. 15, 1982**

MRS. COLLINS OF ILLINOIS (FOR HERSELF), MR. WALGREN, AND MRS. HECKLER

Expressing the sense of the Congress that State and local governments should support the fire safety efforts of the United States Fire Administration to reduce lives and property damage lost by fire.

Supersedes H.Con.Res. 81.

Mar. 17, 1982.—Referred to Subcommittee on Science, Research and Technology.
Mar. 18, 1982.—Full Committee meeting (markup).
Mar. 23, 1982.—Full Committee meeting (markup). Ordered resolution reported, amended.
Apr. 26, 1982.—Report filed in House (H.Rept. 97-484).
June 2, 1982.—Passed House, amended, under Suspension of Rules (Cong. Record H3135-H3140).
June 7, 1982.—Referred to Senate Committee on Commerce, Science and Transportation.

H.Con.Res. 319 **Apr. 22, 1982**

MRS. SMITH OF NEBRASKA (FOR HERSELF), MR. ROBERTS OF SOUTH DAKOTA, MR. SCHUMER, MR. SKEEN, MR. FOLEY, MR. GILLIS W. LONG, MR. HOPKINS, MR. GUNDERSON, MR. MORRISON, MR. EMERY, MR. PASHAYAN, MR. LAGOMARSINO, MR. THOMAS, MR. HUBBARD, MR. FOGLIETTA, MR. MOLLOHAN, MR. GIBBONS, MR. EMERSON, MR. BAFALIS, MR. SIMON, MR. AKAKA, MR. KILDEE, MR. SHAW, MR. LEWIS, MR. SILJANDER, MR. OTTINGER, MR. YATRON, MR. KOGOVSEK, MR. DASCHLE, MR. HEFTEL OF HAWAII, MS. OAKAR, MR. LUJAN, MR. CHAPPIE, MR. ERTEL

Expressing the sense of Congress concerning the proposed closure of certain National Weather Service offices.

May 6, 1982.—Referred to Subcommittee on Natural Resources, Agriculture Research and Environment.

SENATE BILLS AND RESOLUTIONS

S.Con.Res. 130 **Dec. 6, 1982**

Expressing the sense of the Congress that the advancement of science and technology in the communications and electronics industry is vital to the needs of the United States.

(Jointly to the Committees on Energy and Commerce and Science and Technology)

Supersedes H.Con.Res. 204.

Dec. 13, 1982.—Committee on Energy and Commerce discharged from consideration.
Dec. 13, 1982.—Passed House under Suspension of Rules in lieu of H.Con.Res. 204.

S.1002 **May 6, 1981**

To amend the National Climate Program Act to extend the authorization for appropriations for fiscal year 1982, and for other purposes.

Mar. 5, 1981.—Subcommittee on Natural Resources, Agriculture Research and Environment hearing.
May 11, 1981.—Referred to Subcommittee on Natural Resources, Agriculture Research and Environment.

S. 1562 **July 31, 1981**

To provide comprehensive national policy dealing with national needs and objectives in the Arctic.

Similar to H.R. 7255.

Dec. 20, 1982.—Referred to Subcommittee on Science, Research and Technology.

EXECUTIVE COMMUNICATIONS AND MESSAGES FROM THE PRESIDENT REFERRED TO THE COMMITTEE ON SCIENCE AND TECHNOLOGY

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64 **Jan. 5, 1981**

Letter from the Associate Director for Natural Resources and Commercial Service, Office of Science and Technology Policy, Executive Office of the President, transmitting a report on the status of the Office's negotiations with the National Academy of Sciences with regard to a comprehensive assessment of the impact of increasing levels of atmospheric carbon dioxide, pursuant to section 711(a)(2) of Public Law 96-294.

76 **Jan. 5, 1981**

Letter from the Comptroller General of the United States transmitting a report on management of the Department of Energy's solar energy research and development projects (EMD-81-10, December 22, 1980); jointly to the Committees on Government Operations, and Science and Technology.

Jan. 16, 1981

Message from the President of the United States transmitting the second annual report on the United States Government's international activities in the field of science and technology; jointly to the Committees on Foreign Affairs, and Science and Technology.

254 **Jan. 16, 1981**

Letter from the Administrator, National Aeronautics and Space Administration, transmitting notice of the proposed expenditure of funds in excess of the authorized amount for the fiscal year 1981 Space Shuttle program, pursuant to section 4 of Public Law 96-316.

Jan. 19, 1981

Message from the President of the United States transmitting the Third Annual Science and Technology Report.

288 **Jan. 19, 1981**

Letter from the Administrator, Environmental Protection Agency, transmitting a report on the review of the Department of Energy's conservation and solar energy programs, pursuant to section 11 of the Federal Nonnuclear Energy Research and Development Act.

289 **Jan. 19, 1981**

Letter from the Administrator, National Aeronautics and Space Administration, transmitting a draft of proposed legislation to authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, and for other purposes.

350 **Jan. 22, 1981**

Letter from the Secretary of Commerce transmitting notice of his identification of the aerospace industry as a specific materials needs case related to the national security, economic well-being, and industrial production, to be studied by the Department of Commerce, pursuant to section 5(c)(1) of Public Law 96-479.

351 **Jan. 22, 1981**

Letter from the Administrator, National Aeronautics and Space Administration, transmitting notice of the waiver of the requirements of section 11(b)(1) and (2) of Public Law 96-480.

406 **Jan. 27, 1981**

Letter from the Secretary of Agriculture and the Secretary of Energy transmitting a joint plan for biomass energy production and use, pursuant to section 211(a) of Public Law 96-294; jointly to the Committees on Agriculture, Energy and Commerce, and Science and Technology.

408 **Jan. 27, 1981**

Letter from the Secretary of Energy transmitting the third annual report of the Department of Energy, covering fiscal year 1980, pursuant to section 657 of Public Law 95-91; jointly to the Committees on Armed Services, Energy and Commerce, Foreign Affairs, Interior and Insular Affairs, and Science and Technology.

461 **Feb. 3, 1981**

Letter from the Secretary of Energy transmitting notice of a delay in submission of the first detailed energy targets required from the President by section 301(a) of Public Law 96-294; jointly to the Committees on Energy and Commerce, Interior and Insular Affairs, and Science and Technology.

503 **Feb. 6, 1981**

Letter from the Comptroller General of the United States transmitting a report on controlling Federal Government costs for coal liquefaction programs (PSAD-81-19, February 4, 1981); jointly to the Committees on Government Operations, Energy and Commerce, and Science and Technology.

537 **Feb. 17, 1981**

Letter from the Deputy Secretary of Defense transmitting notice of the waiver of the minimum funding and staffing requirements for technology transfer from Defense Department laboratories, pursuant to section 11(b) of Public Law 96-480.

584 **Feb. 23, 1981**

Letter from the Joint Chairman, Interagency Task Force on Acid Precipitation, transmitting the draft National Acid Precipitation Assessment plan, pursuant to section 704(c) of Public Law 96-294; jointly to the Committees on Energy and Commerce, and Science and Technology.

586 **Feb. 23, 1981**

Letter from the Secretary of Energy transmitting the annual report for fiscal year 1980 on the West Valley Demonstration project, pursuant to section 4 of Public Law 96-368; jointly to the Committees on Science and Technology, Energy and Commerce, and Interior and Insular Affairs.

626 **Feb. 26, 1981**

Letter from the Secretary of Energy transmitting the fourth annual report on activities under the Electric and Hybrid Vehicle Research, Development, and Demonstration Act of 1976, pursuant to section 14 of the act.

757 **Mar. 10, 1981**

Letter from the Comptroller General of the United States transmitting a report on the Department of Defense's participation in the space transportation system (MASAD-81-6, February 28, 1981); jointly to the Committees on Government Operations, Armed Services, and Science and Technology.

771 **Mar. 11, 1981**

Letter from the Acting Administrator, National Aeronautics and Space Administration, transmitting notice of the proposed reprograming of funds to develop Centaur upper-stage capability for the Space Shuttle, pursuant to section 4(3) of Public Law 96-316.

845 **Mar. 19, 1981**

Letter from the Director, Office of Technology Assessment, transmitting the annual report of the Office for calendar year 1980, pursuant to section 11 of Public Law 92-484.

869 **Mar. 23, 1981**

Letter from the Acting Administrator, National Aeronautics and Space Administration, transmitting proposed amendments to the NASA authorization bill previously submitted.

915 **Mar. 25, 1981**

Letter from the Acting Director, Federal Emergency Management Agency, transmitting a draft of proposed legislation to authorize appropriations for the Federal Fire Prevention and Control Act of 1974.

916 **Mar. 25, 1981**

Letter from the Secretary of Transportation transmitting a draft of proposed legislation to provide for the improvement of the Nation's airports and airway system, for the modification of airport and airway user taxes; jointly to the Committees on Public Works and Transportation, Science and Technology, and Ways and Means.

918 **Mar. 25, 1981**

Letter from the Secretary of the Interior transmitting a draft of proposed legislation to amend section 7 of the Earthquake Hazards Reduction Act of 1977 (42 U.S.C. 7706) to extend authorizations for appropriations; jointly to the Committees on Science and Technology, and Interior and Insular Affairs.

959 **Mar. 30, 1981**

Letter from the Acting Administrator, Environmental Protection Agency, transmitting a draft of proposed legislation to authorize appropriations for environmental research, development, and demonstration for fiscal years 1982 and 1983.

960 **Mar. 30, 1981**

Letter from the Acting Administrator, National Aeronautics and Space Administration, transmitting notice of the proposed reprogramming of $60 million of funds appropriated to NASA for fiscal year 1981 to the Space Shuttle program, pursuant to section 4 of Public Law 96-316.

997 **Apr. 1, 1981**

Letter from the Director, National Science Foundation, transmitting a draft of proposed legislation to authorize appropriations for the National Science Foundation for fiscal years 1982 and 1983.

1044 **Apr. 7, 1981**

Letter from the Acting Administrator, United States Environmental Protection Agency, transmitting the Agency's annual 5-year plan for research, development, and demonstration, pursuant to section 5 of Public Law 94-475, together with the comments of the Science Advisory Board, pursuant to section 8(c) of Public Law 95-155.

1067 **Apr. 8, 1981**

Letter from the Secretary of Energy transmitting notice of a delay in submission of the comprehensive plan for municipal waste energy development, required by section 231(b) of Public Law 96-294; jointly to the Committees on Energy and Commerce, and Science and Technology.

1197 **Apr. 27, 1981**

Letter from the Secretary of Commerce transmitting a draft of proposed legislation to amend section 9 of the National Climate Program Act to extend the authorization for appropriations for fiscal years 1982 and 1983.

1229 **Apr. 28, 1981**

Letter from the Acting General Counsel, Department of Energy, transmitting a draft of proposed legislation to authorize appropriations to the Department of Energy for civilian programs for fiscal year 1982 and fiscal year 1983; jointly to the Committees on Energy and Commerce, Interior and Insular Affairs, and Science and Technology.

1310 **May 8, 1981**

Letter from the Secretary of Commerce transmitting a draft of proposed legislation to extend the appropriation authorization for reporting of weather modification activities.

1311 **May 8, 1981**

Letter from the Secretary of Commerce transmitting a draft of proposed legislation to authorize the Secretary of Commerce to plan and provide for the management and operation of a civil land remote sensing satellite system.

1389 **May 18, 1981**

Letter from the Acting Administrator, National Aeronautics and Space Administration, transmitting a report on negotiated contracts for experimental, developmental, test or research work, or for industrial mobilization in the interest of the national defense, covering the period July 1, through December 31, 1980, pursuant to 10 USC 2304(e).

11-039 O - 83 - 4

1485 **June 1, 1981**

Letter from the Acting Administrator, National Aeronautics and Space Administration, transmitting notice of the proposed use of $750,000 of "Research and development" funds appropriated to NASA for fiscal year 1981 to provide for the addition of a motion generation system to the man-vehicle systems research facility at Ames Research Center, pursuant to section 3 of Public Law 96-316.

1548 **June 8, 1981**

Letter from the Comptroller General of the United States transmitting a report on the Department of Energy's procedures for awarding a contract to operate the Argonne National Laboratory and other related matters (EMD-81-66, June 8, 1981).

1664 **June 22, 1981**

Letter from the Secretary of Energy transmitting the third quarterly report on biomass energy and alcohol fuels, covering the period ended March 31, 1981, pursuant to section 218(a) of Public Law 96-294.

63 **July 9, 1981**

Message from the President of the United States transmitting the annual report for fiscal year 1980 of the National Science Foundation, pursuant to section 3(f) of the National Science Foundation Act of 1950, as amended.

1814 **July 15, 1981**

Letter from the Acting Under Secretary of Energy transmitting the preliminary report on the study of Federal Applications for wind energy systems, pursuant to section 11(1)(C) of Public Law 96-345.

1913 **July 27, 1981**

Letter from the Acting Under Secretary of Energy transmitting notice of a delay in submission of the comprehensive wind energy program management plan required by section 4(b) of Public Law 96-345.

1951 **Aug. 4, 1981**

Letter from the Acting Comptroller General of the United States transmitting a report on safety and health activities at the Department of Energy's nuclear facilities (EMD-81-108, August 4, 1981).

2104 **Sept. 9, 1981**

Letter from the Assistant Secretary of Energy for Conservation and Renewable Energy transmitting notice of a delay in submission of the comprehensive management plan for the Ocean Thermal Energy Conversion Research, Development, and Demonstration program, required by section 3(b) of Public Law 96-310.

2105 **Sept. 9, 1981**

Letter from the Administrator, National Aeronautics and Space Administration, transmitting notice of the proposed use of $12,200,000 of "Construction of Facilities" and "Research and Development" funds from fiscal years 1981 and 1982 for two new 34-meter antennas, pursuant to section 4 of Public Law 96-316.

2106 **Sept. 9, 1981**

Letter from the Director, National Science Foundation, transmitting the statistical report for fiscal year 1979 on Federal support to universities, colleges, and selected nonprofit institutions, pursuant to section 3(a)(7) of the National Science Foundation Act of 1950, as amended.

2154 **Sept. 10, 1981**

Letter from the Assistant Secretary of Energy for Conservation and Renewable Energy transmitting notice of a delay in submission of the report on energy self-sufficiency, required by section 406 of Public Law 96-294.

2200 **Sept. 17, 1981**

Letter from the Chairman, U.S. Metric Board, transmitting a report on the effects of metric change on workers' tools and training, pursuant to section 6(9) of Public Law 94-168.

2334 **Oct. 13, 1981**

Letter from the Acting Comptroller General of the United States transmitting a report on scientific performance accountability systems for research grants made by the National Science Foundation and the National Institutes of Health (PAD-81-29, September 30, 1981).

2335 **Oct. 13, 1981**

Letter from the Acting Comptroller General of the United States transmitting a report on scientific performance accountability systems for research grants made by the National Science Foundation and the National Institutes of Health (PAD-81-29, September 30, 1981).

2371 **Oct. 20, 1981**

Letter from the Assistant Secretary of Energy for Conservation and Renewable Energy transmitting notice of a delay in submission of the annual report on the Federal geothermal program, required by section 302 of Public Law 93-410.

2380 **Oct. 21, 1981**

Letter from the Secretary of Energy transmitting the fourth comprehensive program and plan for Federal energy education, extension and information activities, pursuant to section 508 of Public Law 95-39 and section 404 of Public Law 96-294.

2416 **Oct. 26, 1981**

Letter from the Secretary of Energy transmitting a report that the Administration does not consider it advisable to develop a plan for energy self-sufficiency initiatives, required by section 406(d) of Public Law 96-294.

2433 **Oct. 28, 1981**

Letter from the Secretary of Commerce transmitting the final draft of the national climate program annual report for fiscal year 1980, pursuant to section 7 of the National Climate Program Act of 1978.

2510 **Nov. 12, 1981**

Letter from the Administrator, U.S. Environmental Protection Agency, transmitting the ground-water research plan, pursuant to section 2(3) of Public Law 96-569.

2511 **Nov. 12, 1981**

Letter from the Administrator, National Aeronautics and Space Administration, transmitting a report on negotiated contracts for experimental, developmental, test or research work, or for industrial mobilization in the interest of the national defense, covering the period January through June, 1981, pursuant to 10 USC 2304(e).

2523 **Nov. 13, 1981**

Letter from the Assistant Secretary of Energy for Conservation and Renewable Energy transmitting the initial comprehensive wind energy program management plan, pursuant to section 4(a) of the Wind Energy Systems Act of 1980.

2627 **Dec. 3, 1981**

Letter from the Comptroller General of the United States transmitting a report on national weather service ADP system (CED-82-6, November 18, 1981).

2694 **Dec. 15, 1981**

Letter from the Administrator, National Aeronautics and Space Administration, transmitting notice of the proposed demonstration in late 1983 of the Space Shuttle's capability to rendevous with spacecraft and retrieve them using the Remote Manipulator System arm, pursuant to section 4(3) of the NASA Authorization Act, 1982.

101 **Dec. 15, 1981**

Message from the President of the United States transmitting the 1980 annual report on U.S. aeronautics and space activities, pursuant to section 206(b) of Public Law 85-568.

103 **Dec. 16, 1981**

Message from the President of the United States transmitting the Twelfth Annual Report of the National Science Board, 1979, and the Thirteenth Annual Report of the National Science Board, 1980.

2856 **Jan. 25, 1982**

Letter from the Secretary of Commerce transmitting the seventh annual report on ocean dumping monitoring and research, pursuant to section 201 of Public Law 92-532.

2857 **Jan. 25, 1982**

Letter from the Secretary of Energy transmitting the preliminary report on the prospects for foreign applications of wind energy systems, pursuant to section 11(5) of Public Law 96-345.

2858 **Jan. 25, 1982**

Letter from the Under Secretary of Energy transmitting the first annual report on activities under the Methane Transportation Research, Development and Demonstration Act of 1980, pursuant to section 9 of Public Law 96-512.

2897 **Jan. 27, 1982**

Letter from the Secretary of Defense transmitting notice of the waiver of the minimum funding and staffing requirements for technology transfer from Defense Department laboratories, pursuant to section 11(b) of Public Law 96-480.

2898 **Jan. 27, 1982**

Letter from the Under Secretary of the Department of Energy transmitting the final report on applications study for wind energy systems at federal facilities, pursuant to section 11(1) of the Public Law 96-345.

2958 **Feb. 2, 1982**

Letter from the Secretary of Energy transmitting the fifth quarterly report on biomass energy and alcohol fuels, pursuant to section 218(a) of Public Law 96-294.

2988 **Feb. 3, 1982**

Letter from the Administrator, National Aeronautics and Space Administration, transmitting notice of the proposed development of the new, lightweight structure for the rocket booster of the Space Shuttle, pursuant to section 4(3) of Public Law 97-96.

3024 **Feb. 8, 1982**

Letter from the Administrator, National Aeronautics and Space Administration, transmitting notice of the waiver of the requirements of section 11(b) of Public Law 96-480.

3027 **Feb. 8, 1982**

Letter from the Secretary of Energy transmitting an assessment of the desirability and feasibility of creating of Federal Corps of nuclear operators, pursuant to section 6 of Public Law 96-567.

3040 **Feb. 9, 1982**

Letter from the Secretary of Commerce transmitting a draft of proposed legislation to authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal years 1983 and 1984, and for other purposes.

3047 **Feb. 9, 1982**

Letter from the Secretary of Energy transmitting the annual report for fiscal year 1981 on the West Valley Demonstration Project, pursuant to section 4 of Public Law 96-368.

3053 **Feb. 10, 1982**

Letter from the Administrator, National Aeronautics and Space Administration, transmitting a draft of proposed legislation to authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, and for other purposes.

3135 **Feb. 22, 1982**

Letter from the Administrator, National Aeronautics and Space Administration, transmitting a report on proposed use of construction and facilities funds, pursuant to the National Aeronautics and Space Administration Authorization Acts of 1980 and 1981.

3136 **Feb. 22, 1982**

Letter from the Secretary of Energy transmitting the third annual report on the Automotive Technology Development Program for fiscal year 1981, pursuant to sections 310(a) and 304(f) of Public Law 95-328.

3137 **Feb. 22, 1982**

Letter from the Administrator, National Aeronautics and Space Administration, transmitting NASA's revised plan for the Solar Maximum Mission Repair Demonstration, pursuant to section 4(3) of Public Law 97-96.

3155 **Feb. 23, 1982**

Letter from the Joint Chairmen, Interagency Task Force on Acid Precipitation, transmitting the first annual report on the Task Force's progress in planning and implementing the National Acid Precipitation Assessment Program, covering October 1980 through January 1982, pursuant to Public Law 96-294.

3180 **Feb. 24, 1982**

Letter from the Administrator, National Aeronautics and Space Administration, transmitting notice of the proposed revisions of the National Aeronautics and Space Administration's space transportation upper stages program, relative to the Galileo mission, pursuant to section 4(3) of Public Law 97-96.

3181 **Feb. 24, 1982**

Letter from the Comptroller General of the United States transmitting a report on the operations pricing policy of the National Aeronautics and Space Administration for the Space Transportation System (MASAD-82-15, February 23, 1982).

3244 **Mar. 2, 1982**

Letter from the Secretary of Commerce transmitting a draft of proposed legislation to authorize the Secretary of Commerce to plan and provide for the management and operation of a civil land remote sensing satellite system, and for other purposes.

3301 **Mar. 4, 1982**

Letter from the Administrator, Environmental Protection Agency, transmitting a draft of proposed legislation to authorize appropriations for ennvironmental research, development, and demonstrations for fiscal years 1983 and 1984.

3318 **Mar. 8, 1982**

Letter from the Secretary of Energy transmitting the Fifth Annual Report on the Electric and Hybrid Vehicles Program, pursuant to section 14 of Public Law 94-413.

3395 **Mar. 15, 1982**

Letter from the Director, National Science Foundation, transmitting a draft of proposed legislation to provide for authorizations for fiscal years 1983 and 1984.

3422 **March 16, 1982**

Letter from the Secretary of Energy transmitting notice of Department's delay in completing a comprehensive program management plan for wind energy systems for fiscal year 1983 for submission, pursuant to section 4 of Public Law 96–345.

3425 **March 16, 1982**

Letter from the Comptroller General of the United States transmitting the report on the status of the Great Plains coal gasification project loan guarantee, February 1982, pursuant to Public Law 95–238; jointly to the Committees on Energy and Commerce, Banking, Finance and Urban Affairs, and Science and Technology.

3426 **March 16, 1982**

Letter from the Secretary of Energy transmitting the sixth quarterly report on biomass energy and alcohol fuels, covering the period ended December 1981, pursuant to section 218(a) of Public Law 96–294; jointly to the Committees on Agriculture, Energy and Commerce, and Science and Technology.

121 **Mar. 22, 1982**

Message from the President of the United States transmitting the annual report on the United States Government's international activities in the field of science and technology, pursuant to Title V of Public Law 95-426.

3490 **Mar. 23, 1982**

Letter from the Secretary of Energy transmitting recommendations on utilization of wind energy systems, pursuant to section 9(a)(3) of Public Law 96-345.

3498 **Mar. 24, 1982**

Letter from the Secretary of Commerce transmitting a draft of proposed legislation to amend the National Ocean Pollution Planning Act to carry out the provisions of the Act for fiscal years 1983, 1984 and 1985.

3560 **Mar. 31, 1982**

Letter from the Secretary of Commerce transmitting a draft of proposed legislation to amend section 204 of the Marine Protection, Research and Sanctuaries Act of 1972 to extend the authorization for appropriations for fiscal years 1983 and 1984.

3567 **Apr. 1, 1982**

Letter from the Secretary of Commerce transmitting an amendment to a previously submitted draft of proposed legislation to extend the appropriation authorization for reporting of weather modification activities, and for other purposes.

3573 **Apr. 1, 1982**

Letter from the Acting Secretary, Department of Interior, transmitting a report on the Naval Arctic Research Laboratory study, pursuant to Section 1007 of Public Law 96-487.

3610 **Apr. 5, 1982**

Letter from the Comptroller General of the United States transmitting a report on computer applications written in the COBOL programming language (AFMD-82-4, April 1, 1982).

3722 **Apr. 20, 1982**

Letter from the Administrator, National Aeronautics and Space Administration, transmitting a report on negotiated contracts for property or services determined to be for experimental development, or research work, or for making or furnishing property for experiments, tests, developments, or research, covering the period July 1, 1981 through December 31, 1981, pursuant to 10 USC 2304(e).

3725 **Apr. 20, 1982**

Letter from the Secretary of Defense transmitting the comments and recommendations of the Secretary on the "Study of United States Arctic Research Policy and the Role of the Naval Arctic Research Laboratory", prepared jointly by the Departments of the Interior (lead agency), Defense and Energy, pursuant to section 1007 of Public Law 96-487.

3727 **Apr. 20, 1982**

Letter from the General Counsel, Department of Energy, transmitting a draft of proposed legislation to authorize appropriations to the Department of Energy for civilian energy programs for fiscal year 1983 and fiscal year 1984, and for other purposes.

3737 **Apr. 20, 1982**

Letter from the Secretary of Energy transmitting a report on the comprehensive program and plan for federal energy education, extension, and information activities, pursuant to several provisions of Public Law 95-39 and 96-294.

3738 **Apr. 20, 1982**

Letter from the Administrator, National Oceanic and Atmospheric Administration, Department of Commerce, transmitting the Agency's five-year plan for ocean pollution research and development pursuant to section 4(a) of Public Law 95-273.

3770 **Apr. 22, 1982**

Letter from the Deputy Secretary of Energy transmitting notice of delay in submission of the report required by section 251(d) of public law 96-294.

3793 **Apr. 26, 1982**

Letter from the Secretary of Energy transmitting a comprehensive program management plan for the Ocean Thermal Energy Conversion Research, Development and Demonstration Act, pursuant to section 3 of Public Law 96-310.

3825 **Apr. 29, 1982**

Letter from the Secretary of Commerce transmitting a report on the critical materials requirements of the United States aerospace industry, pursuant to section 5(c)(1) and (2) of Public Law 96-479.

3914 **May 12, 1982**

Letter from the Secretary of Energy transmitting the first annual revised comprehensive program management plan for Wind Energy Systems, pursuant to Public Law.

3916 **May 12, 1982**

Letter from the Secretary of Energy transmitting notice of a delay in submission of the comprehensive plan for municipal waste energy development, required by section 231(b) of Public Law 96-294.

3917 **May 12, 1982**

Letter from the Secretary of Energy transmitting a report on small hydropower programs, pursuant to section 408(e) of Public Law 96-294.

4038 **May 26, 1982**

Letter from the Secretary of Energy transmitting a quarterly report on biomass energy and alcohol fuels development, pursuant to section 218(a) of Public Law 96-294.

124 **Apr. 5, 1982**

Message from the President of the United States transmitting the National Materials and Minerals Program Plan and Report to Congress, pursuant to the National Materials and Minerals Policy, Research and Development Act of 1980.

127 **Apr. 21, 1982**

Message from the President of the United States transmitting the Fourth Annual Science and Technology Report, pursuant to section 209(a) of Public Law 94-282.

4120 **June 9, 1982**

Letter from the Secretary of Energy transmitting a report of barriers to the development and application of technologies for the recovery of energy from municipal waste, pursuant to Section 231(d) of the Energy Security Act (96-294).

4149 **June 14, 1982**

Letter from the Environmental Protection Agency transmitting the Agency's annual 5-year plan for research, development, and demonstration, pursuant to section 5 of Public Law 475.

4230 **June 23, 1982**

Letter from the Assistant Secretary of Energy for Conservation and Renewable Energy transmitting the annual report from the Interagency Geothermal Coordinating Council on the activities and policies related to geothermal energy, pursuant to section 302(a) of Public Law 93-410, as amended.

153 **July 12, 1982**

Message from the President of the United States transmitting the annual report for fiscal year 1981 of the National Science Foundation, pursuant to section 3(f) of the National Science Foundation Act of 1950, as amended.

4323 **July 12, 1982**

Letter from the Administrator, National Aeronautics and Space Administration transmitting a notice of the proposed use of research and development funds to provide NASA participation in the construction of a Mid-Level Facility on Mauna Kea, Hawaii, pursuant to section 1(d) of Public Law 96-316.

4398 **July 19, 1982**

Letter from the Secretary of Energy transmitting a study of U.S. artic research policy and the possible roles of the Naval Arctic Research Laboratory, pursuant to section 1007(e) of Public Law 96-487.

4400 **July 19, 1982**

Letter from the Joint Chairmen, Interagency Task Force on Acid Precipitation transmitting the final National Acid Precipitation Assessment Plan, which provides a ten year research program, pursuant to section 704(c)(1) and (3) of Public Law 96-294.

4410 **July 20, 1982**

Letter from the Director, Federal Emergency Management Agency transmitting a comprehensive emergency management report, including the Agency's 1981 activities, pursuant to sundry provisions of Public Law.

4470 **July 28, 1982**

Letter from the Comptroller General of the United States transmitting a report on the review of Federal environmental programs, the progress achieved and the unresolved issues which remain (GAO/CED-82-72, July 21, 1982).

4535 **Aug. 3, 1982**

Letter from the Comptroller General of the United States transmitting a report on the development and application of a method for performing net energy analysis (IPE-82-1, July 26, 1982).

4614 **Aug. 18, 1982**

Letter from the Director, National Science Foundation transmitting the report on "Federal Support to Universities, Colleges, and Selected Nonprofit Institutions, fiscal year 1980", pursuant to National Science Foundation Act of 1950, as amended.

4616 **Aug. 18, 1982**

Letter from the Administrator, National Oceanic and Atmospheric Administration transmitting the report on the five-year Deep Seabed Mining Environmental Plan for the years 1981-1985, pursuant to section 109 of Public Law 96-283.

172 **Sept. 8, 1982**

Message from the President of the United States transmitting the Aeronautics and Space Report of the President for 1981, pursuant to section 206 of the National Aeronautics and Space Act of 1958, as amended.

4755 **Sept. 14, 1982**

Letter from the Comptroller General of the United States transmitting a report on the current status of the Great Plains Coal Gasification project (GAO/EMD-82-117, September 14, 1982).

4768 **Sept. 15, 1982**

Letter from the Administrator, National Aeronautics and Space Administration transmitting notice of proposed modifications for design and construction of a Component Ablator Facility, pursuant to section 3 of Public Law 97-96.

4782 **Sept. 16, 1982**

Letter from the Secretary of Energy transmitting the eighth quarterly report on biomass energy and alcohol fuels, pursuant to section 218(a) of Public Law 96-294.

4786 **Sept. 16, 1982**

Letter from the Secretary of Energy transmitting the Department's fourth annual report to Congress, pursuant to section 657 of Public Law 95-91.

188 **Sept. 28, 1982**

Message from the President of the United States transmitting the Fourth Annual Report of the Department of Energy.

5090 **Nov. 29, 1982**

Letter from the Secretary of Energy transmitting a report on the actual performance of wind systems in various applications, pursuant to section 11(4) of Public Law 96-345.

5091 **Nov. 29, 1982**

Letter from the Assistant Secretary of Energy for Conservation and Renewable Energy transmitting the sixth annual report from the Interagency Geothermal Coordinating Council on the activities and programs in geothermal energy, pursuant to section 302(a) of Public Law 93-410.

5092 **Nov. 29, 1982**

Letter from the Administrator, National Aeronautics and Space Administration, transmitting the plan to report to the General Services Administration, as excess real property, 10.308 acres of land and sanitary sewage treatment facilities at the NASA Plum Brook Station, Sandusky, Ohio, pursuant to section 207 of Public Law 85-568.

5093 **Nov. 29, 1982**

Letter from the Administrator, National Aeronautics and Space Administration, transmitting a report on negotiated contracts for property or services determined to be for experimental development, or research work, or for making or furnishing property for experiment, test, development, or research, covering the period January 1, 1982 through June 30, 1982, pursuant to 10 USC 2304(e).

5105 **Nov. 29, 1982**

Letter from the Administrator, National Oceanic and Atmospheric Administration, Department of Commerce, transmitting the biennial report on the program of research and monitoring for early detection of stratospheric ozone change, pursuant to section 154( ) of the Clean Air Act, as amended.

5164 **Nov. 29, 1982**

Letter from the Administrator, National Aeronautics and Space Administration, transmitting notice of proposed relocation of a 26-meter antenna from Honeysuckle Creek, Australia to Tidbinbilla, Australia, pursuant to section 3 of Public Law 97-96.

5299 **Dec. 15, 1982**

Letter from the Secretary of Energy transmitting the ninth quarterly report on biomass energy and alcohol fuels, for the period July through September 1982, pursuant to section 218(a) of Public Law 96-294.

5328 **Dec. 21, 1982**

Letter from the Secretary of Energy transmitting the fourth annual report on the Automotive Technology Development Program for fiscal year 1982, pursuant to sections 310 (a) and 304 (f) of Public Law 95-328.

PETITIONS AND MEMORIALS
REFERRED TO THE COMMITTEE ON SCIENCE AND TECHNOLOGY

66 **May 5, 1981**

A memorial of the Legislature of the State of Hawaii, relative to establishment of a national type approval program for measuring equipment.

73 **May 5, 1981**

A petition of the board of directors, Society for the Study of Social Problems, Boston, Mass., relative to funding of research in the social sciences; jointly referred to the Committees on Education and Labor, Energy and Commerce, and Science and Technology.

94 **May 21, 1981**

A memorial of the House of Representatives of the State of Hawaii, relative to funding for renewable alternate energy research and development projects.

99 **June 1, 1981**

A memorial of the Legislature of the State of Nevada, relative to use of the Nevada Test Site for the development of solar and other renewable sources of energy.

153 **July 9, 1981**

A memorial of the Legislature of the State of Alaska, relative to the need for Congressional hearings on Arctic science policy.

184 **Sept. 14, 1981**

A memorial of the Legislature of the State of Mississippi, relative to storage of nuclear waste.

332 **Jan. 27, 1982**

A petition of 1981 annual conference session of the United Methodist Youth in the North Carolina Conference, Raleigh, relative to conservation of fossil fuels.

359 **Apr. 26, 1982**

A memorial of the Legislature of the State of California, relative to the National Weather Service budget.

377 **May 12, 1982**

A memorial of the House of Representatives of the State of Michigan, relative to funding for the National Oceanic and Atmospheric Administration's Great Lakes Environmental Research Laboratory in Ann Arbor, Michigan.

396 **May 25, 1982**

A memorial of the Legislature of the Commonwealth of Virginia, relative to the Anti-Arson Act of 1981.

401 **May 26, 1982**

A memorial of the House of Representatives of the State of Hawaii, relative to the storage or disposal of nuclear materials in the Pacific Basin.

489 **Sept. 16, 1982**

A memorial of the Legislature of the State of California, relative to radioactive waste.

603 **Sept. 22, 1982**

A petition of the Southern Governors' Association, Atlanta, Georgia, relative to high-level nuclear waste management.

LIST OF BILLS AND RESOLUTIONS REFERRED TO SUBCOMMITTEES

SUBCOMMITTEE ON ENERGY DEVELOPMENT AND APPLICATIONS

Bills

H.R. 493—Gasohol Production R&D

H.R. 495—Wind Energy Systems R,D,&D

H.R. 509—Federal Oil and Gas Corporation (also NRARE Subc.)

H.R. 555—Municipal Waste-to-Energy Act

H.R. 1421—Energy Company of America Act (also ERP Subc.)

H.R. 2216—National Energy Trust Fund Act (also ERP Subc.)

H.R. 3002—DOE FY 1982 Authorization (also ERP, NRARE, TAM Subcs.)

H.R. 4712—Federal Oil and Gas Development Corporation

H.R. 5508—To amend the Energy Security Act

H.R. 7424—Hydrogen R&D (also TAM Subc.)

Resolutions

H.Con.Res. 65—Congress should appropriate funds for construction of high Btu coal gasification plants

SUBCOMMITTEE ON NATURAL RESOURCES, AGRICULTURE RESEARCH AND ENVIRONMENT

Bills

H.R. 29—Effects of certain past ocean dumping of radioactive wastes

H.R. 509—Federal Oil and Gas Corporation (also EDA Subc.)

H.R. 638—National Science Council (also SRT Subc.)

H.R. 1720—Task force to identify ocean sites and the nature of radioactive wastes dumped into ocean prior to 1970 (also ERP Subc.)

H.R. 2803—NOAA FY 1982 Authorization (also SSA Subc.)

H.R. 2804—EPA FY 1982 Authorization

H.R. 2881—Nuclear Waste Management (also ERP Subc.)

H.R. 3002—DOE FY 1982 Authorization (also EDA, ERP, TAM Subcs.)

H.R. 3441—Risk Analysis R&D (also SRT Subc.)

H.R. 3600—Great Lakes Protection Act

H.R. 3769—Severe Storms Advisory Committee

H.R. 3877—Helium-Energy Act

S.1002—To amend National Climate Program

H.R. 4830—Acid Rain Research

H.R. 5055—Acid Precipitation Accelerated Review

H.R. 5401—National Climate Program Amendments

H.R. 6007—National Weather Modification Policy

H.R. 6112—To amend the Marine Protection, Research, and Sanctuaries Act of 1972

H.R. 6185—To amend the Clean Air Act

H.R. 6269—Establish criteria for closing and consolidating weather stations

H.R. 6289—Indoor Air Pollution R&D

H.R. 6351—Agricultural Weather and Fire Services

H.R. 6753—Establish criteria for closing and consolidating weather stations

Resolutions

H.Con.Res. 242—Expressing the Sense of the Congress Concerning the Resignation of the Administrator of the Environmental Protection Agency

H.Con.Res. 319—Expressing the sense of Congress concerning the proposed closing of certain National Weather Service offices

SUBCOMMITTEE ON ENERGY RESEARCH AND PRODUCTION

Bills

H.R. 1421—Energy Company of America Act (also EDA Subc.)

H.R. 1720—Task force to identify ocean sites and the nature of radioactive wastes dumped into ocean prior to 1970 (also NRARE Subc.)

H.R. 1909—Nuclear Waste Management

H.R. 1993—Nuclear Waste Management

H.R. 2144—Uranium Enrichment Fund

H.R. 2216—National Energy Trust Fund Act (also EDA Subc.)

H.R. 2881—Nuclear Waste Management (also NRARE Subc.)

H.R. 3002—DOE FY 1982 Authorization (also EDA, TAM, NRARE Subcs.)

H.R. 3378—Uranium Enrichment Fund

H.R. 3505—DOE FY 1982 Authorization

H.R. 4223—Nuclear Fuel Management Corporation

H.R. 4697—Nuclear Waste Research

H.R. 6836—Nuclear Accident Recovery Act

Resolutions

H.J.Res. 513—Expressing the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy

SUBCOMMITTEE ON SCIENCE, RESEARCH AND TECHNOLOGY

Bills

H.R. 220—Animals in Research

H.R. 547—Utilization of spinoffs from space technology in helping the elderly (also SSA Subc.)

H.R. 556—National Center for Alternative Research

H.R. 638—National Science Council (also NRARE Subc.)

H.R. 930—Animals in Research

H.R. 1506—Anti-Arson Act

H.R. 1520—NSF FY 1982 Authorization

H.R. 1660—Repeal Metric Conversion Act

H.R. 1704—Amend Metric Conversion Act

H.R. 1745—Advanced firefighting equipment

H.R. 2110—Animals in Research

H.R. 2358—Mineral Conservation R&D Commission (also TAM Subc.)

H.R. 2777—Fire Prevention Study Act

H.R. 2940—Repeal Metric Conversion Act

H.R. 3038—Smoke Detector Demonstration Act

H.R. 3137—Information Science and Technology Act

H.R. 3441—Risk Analysis R&D (also NRARE Subc.)

H.R. 3749—National Technology Foundation Act

H.R. 3839—U.S. Design Council

H.R. 4069—Anti-Arson Act

H.R. 4406—Animals in Research

H.R. 4989—Interagency Committee on Arson Control

H.R. 5254—Engineering and Science Manpower Act

H.R. 5725—National Bureau of Standards Authorization

H.R. 5726—National Bureau of Standards Authorization

H.R. 5748—National Science Foundation Authorization

H.R. 5842—National Science Foundation Authorization

H.R. 5991—National Science Foundation Authorization

H.R. 6006—Regarding acquisition of automatic data processing equipment and services

H.R. 6159—Risk Analysis

H.R. 6245—Animals in Research

H.R. 6272—Amend the Earthquake Hazards Reduction Act

H.R. 6605—To encourage small business

H.R. 6656—Teaching and research fellowships in mathematics and science

H.R. 6930—Science and Technology Improvement Act

H.R. 6950—High-Technology Technician Training Act

H.R. 7255—Arctic Research

S.1562—Arctic National Policy

Resolutions

H.Con.Res. 38—Animals in Research

H.Con.Res. 81—Support of fire safety efforts of the U.S. Fire Administration

H.Con.Res. 204—To encourage educational programs in science and technology, a National Science Center for Communications and Electronics should be established.

H.Con.Res. 288—Support of fire safety efforts of the U.S. Fire Administration

SUBCOMMITTEE ON SPACE SCIENCE AND APPLICATIONS

Bills

H.R. 497—Solar Power Satellite R&D

H.R. 547—Utilization of spinoffs from space technology in helping the elderly (also SRT Subc.)

H.R. 564—Space Industrialization Corporation

H.R. 1257—NASA FY 1982 Authorization (also TAM Subc.)

H.R. 2803—NOAA FY 1982 Authorization (also NRARE Subc.)

H.R. 3375—National Automotive Research Act (also TAM Subc.)

H.R. 3712—National Space Policy

H.R. 4286—National Space Policy

H.R. 5890—National Aeronautics and Space Administration Authorization (also TAM Subc.)

H.R. 7411—Commercialization of Space

Resolutions

H.Con.Res. 173—Program to construct a permanent manned operations center in low Earth orbit within ten years.

SUBCOMMITTEE ON TRANSPORTATION, AVIATION AND MATERIALS

Bills

H.R. 1257—NASA FY 1982 Authorization (also SSA Subc.)

H.R. 2358—Mineral Conservation R&D Commission (also SRT Subc.)

H.R. 2643—FAA R&D FY 1982 Authorization

H.R. 2924—Collision Avoidance System

H.R. 2930—Airport and Airway Improvement Act

H.R. 3002—DOE FY 1982 Authorization (also EDA, NRARE, ERP Subcs.)

H.R. 3375—National Automotive Research Act (also SSA Subc.)

H.R. 4281—Critical Materials Act

H.R. 5880—Automobile Research Competition Act

H.R. 5890—National Aeronautics and Space Administration Authorization (also SSA Subc.)

H.R. 6193—FAA FY 1983 R&D Authorization

H.R. 7424—Hydrogen R&D (also EDA Subc.)

Resolutions

H.Res. 202—R&D program planning documentation with respect to the modernization and replacement of the FAA air traffic control en route computer system.

SUBCOMMITTEE ON INVESTIGATIONS AND OVERSIGHT

Bills

CHRONOLOGICAL LIST OF MEETINGS OF THE FULL COMMITTEE

FIRST SESSION

Date	Subject
Jan. 28, 1981	National Aeronautics and Space Administraton (NASA) FY 1982 Budget Review
Jan. 28, 1981	National Science Foundation (NSF) FY 1982 Budget Review
Feb. 3, 1981	Democratic Caucus
Feb. 5, 1981	Full Committee Organizational Meeting
Feb. 24, 1981	DOE FY 1982 Budget Posture Hearing
Mar. 2, 1981	Hearing in Connection with the Retirement of Honorable Elmer Staats, Comptroller General of the United States
Apr. 7, 1981	Markup—H.R. 1257, NASA FY 1982 Authorization; H.R. 2643, FAA R&D FY 1982 Authorization
Apr. 28, 1981	Markup—H.R. 1520, the National Science Foundation (NSF) FY 1982 Authorization; H.R. 3263, the Federal Emergency Management Agency (FEMA) FY 1982 Authorization
May 6, 1981	Markup—H.R. 3146, the Department of Energy (DOE) FY 1982 R&D Authorization; H.R. 3447, the Department of Energy FY 1982 Authorization
May 7, 1981	Markup—H.R. 3146, the DOE FY 1982 R&D Authorization; H.R. 3447, the DOE FY 1982 Authorization
May 11, 1981	Hearing on the Closeout Costs of the Clinch River Breeder Reactor Project
May 13, 1981	Markup—H.R. 3115, the Environmental Research, Development, and Demonstration Act of 1982 (EPA); H.R. 2803, the Atmospheric, Climatic, and Ocean Pollution Act of 1982 (NOAA); H.R. 3356, the Federal Emergency Management Agency FY 1982 Authorization
May 14, 1981	Markup—H.R. 3146, the DOE R&D FY 1982 Authorization; H.R. 3447, the DOE FY 1982 Authorization
May 20, 1981	Hearing in Honor of the Space Shuttle Columbia Astronauts
June 11, 1981	Meeting on Reconciliation Recommendations to the Committee on the Budget
June 18, 1981	Societal Risks of Energy Systems Hearing
June 24, 1981	Seminar on Science and Technology Issues—Present and Future
July 28, 1981	Implementation of the National Materials and Minerals Policy, Research and Development Act of 1980—P.L. 96-479
Sep. 30, 1981	Hearing on Federal Patent Policy Bills: H.R. 4564 and S.1657 (Jointly with the Senate Committee on Commerce, Science and Transportation)
October 1, 1981	Consideration of Subcommittee on Transportation, Aviation and Materials Report "Air Traffic En Route Computer Modernization" and Subcommittee on Investigations and Oversight Report on "The West Valley Cooperative Agreement"

CHRONOLOGICAL LIST OF MEETINGS OF THE FULL COMMITTEE

Date	Subject
Oct. 6, 1981	Engineering Manpower Concerns; Consideration of "West Valley Cooperative Agreement" Report; and Markup of H.Res. 202
Oct. 7, 1981	Engineering Manpower Concerns
Oct. 29, 1981	Markup—H.R. 4564, the "Uniform Federal Research and Development Utilization Act of 1981"
Nov. 17, 1981	Markup—H.R. 4564, the "Uniform Federal Research and Development Utilization Act of 1981"
Nov. 20, 1981	Markup—H.R. 5016, the "High-Level Radioactive Waste Management and Policy Act"
Dec. 9, 1981	The Second Flight of the Space Shuttle
Dec. 10, 1981	The U.S. Science and Technology Budget Under Stress

SECOND SESSION

1Jan. 26, 1982	H.R. 4326, the "Small Business Innovation Development Act"
Jan. 27, 1982	H.R. 4326, the "Small Business Innovation Development Act"
Jan. 28, 1982	H.R. 4326, the "Small Business Innovation Development Act"
Feb. 2, 1982	U.S. Science and Technology Under Budget Stress
Feb. 3, 1982	U.S. Science and Technology Under Budget Stress
Feb. 4, 1982	U.S. Science and Technology Under Budget Stress
Feb. 25, 1982	1981 U.S. Nobel Laureates in Science
Mar. 4, 1982	Department of Energy (DOE) Posture Hearing
Mar. 9, 1982	Markup—H.R. 4326, the "Small Business Innovation Development Act"
Mar. 18, 1982	Markup—H.R. 5842, the "National Science Foundation Authorization Act for FY 1983" and H.Con.Res. 288, expressing support for the fire safety efforts of the U.S. Fire Administration
Mar. 23, 1982	Markup—H.R. 5842, the "National Science Foundation Authorization Act for FY 1983"; H.R. 5726, the "National Bureau of Standards Authorization Act for FY 1983"; and H.Con.Res. 288, expressing support for the fire safety efforts of the U.S. Fire Administration
Apr. 1, 1982	Markup—H.R. 5842, the "National Science Foundation Authorization Act for FY 1983" and H.R. 5726, the "National Bureau of Standards Authorization Act for FY 1983"
Apr. 21, 1982	Results of the Third Flight of the Space Shuttle— briefing by Astronauts Lousma and Fullerton
Apr. 28, 1982	Markup—H.R. 5890, the National Aeronautics and Space Administration and the National Oceanic and Atmospheric Administration LANDSAT Authorization for Fiscal Year 1983 and the National Aeronautics and Space Administration Fiscal Year 1982 Reprogramming Requests
May 13, 1982	Markup—H.R. 6193, the FY 1983 Federal Aviation Administration R&D Authorization, H.R. 6272, the reauthorization of the Earthquake Hazards Reduction Act of 1977, and H.R. 6159, the "Risk Analysis Research and Demonstration Act of 1982"

CHRONOLOGICAL LIST OF MEETINGS OF THE FULL COMMITTEE

DATE	SUBJECT
May 18, 1982	Markup—H.R. 6323, the "Environmental Research, Development, and Demonstration Act of 1983" and H.R. 6324, the "Atmospheric Climatic, and Ocean Pollution Act of 1982"
June 9, 1982	H.R. 5158, the Telecommunications Act of 1982, and Its Impact on the Bell Laboratories
July 28, 1982	The Results of the Flight of the STS-4
Aug. 3, 1982	Hearing and Markup— H.Res. 514, Commemorating the 25th Anniversary of the International Geophysical Year; Markup— H.Con.Res. 204, Creation of a National Center for Communications and Electronics and H.R. 6245, the "Humane Care and Development of Substitutes for Animals in Research Act"
Aug. 11, 1982	Markup—H.R. 4281, the "Critical Materials Act of 1981"; H.R. 6928, the "Humane Care and Development of Substitutes for Animals in Research Act" and Consideration of the Subcommittee on Energy Research and Production Report entitled: "Research Programs Conducted by the Nuclear Regulatory Commission"
Sep. 22, 1982	Markup—H.R. 7130, the "National Engineering and Science Manpower Act of 1982"
Dec. 15, 1982	The Results of the Flight of STS–5

MEETINGS OF SUBCOMMITTEES

SUBCOMMITTEE ON ENERGY DEVELOPMENT AND APPLICATIONS

FIRST SESSION

Date	Subject	Full Committee Meeting
Feb. 24, 1981	Fossil Energy Hearing	
Feb. 25, 1981	Fossil Energy Hearing	
Feb. 26, 1981	Solar Energy and Conservation Hearing	
Mar. 2, 1981	Solar Energy Hearing	
Mar. 3, 1981	Solar Energy Hearing	
Mar. 4, 1981	Conservation Hearing	
Mar. 5, 1981	Conservation Hearing	
Mar. 10, 1981	Department of Energy (DOE) FY 1982 Budget Authorization: Basic Research.	
Mar. 11, 1981	Meeting to Report Preliminary Authorization Figures to Committee on the Budget.	
Mar. 12, 1981	DOE FY 1982 Budget Authorization: Fossil Energy	
Mar. 13, 1981	DOE FY 1982 Budget Authorization: Extension Service	
Mar. 16, 1981	DOE FY 1982 Budget Authorization: Geothermal Energy and Alcohol Fuels.	
Mar. 17, 1981	DOE FY 1982 Budget Authorization: Conservation	
Mar. 18, 1981	DOE FY 1982 Budget Authorization: Solar and Geothermal Energy.	
Mar. 19, 1981	DOE FY 1982 Budget Authorization: Basic Research	
Mar. 24, 1981	Markup—DOE FY 1982 Budget Authorization	
Mar. 25, 1981	Markup—DOE FY 1982 Budget Authorization	
Mar. 26, 1981	Markup—DOE FY 1982 Budget Authorization	
Mar. 31, 1981	Markup—DOE FY 1982 Budget Authorization	May 6,7,14, 1981
May 19, 1981	The Clean Air Act (Jointly with NRARE Subc.)	
May 20, 1981	The Clean Air Act (Jointly with NRARE Subc.)	
May 28, 1981	The Clean Air Act (Jointly with NRARE Subc.)	
June 23, 1981	Energy Utilities	
June 24, 1981	Energy Utilities	

SUBCOMMITTEE ON ENERGY DEVELOPMENT AND APPLICATIONS

Date	Subject	Full Committee Meeting
July 15, 1981	Decontrol, Tax Incentives and Energy Research and Development (Jointly with ERP Subc.).	
July 22, 1981	Natural Gas Options—New Resources and New Technologies.	
July 23, 1981	District Heating and Cooling	
July 27, 1981	Synthetic Fuels Development (Jointly with I&O Subc.)	
July 29, 1981	Department of Energy National Laboratories' Relationships with Industry and the University Community (Jointly with ERP Subc.).	
Sep. 17, 1981	Impact of the Planned Reduction in Force on the Department of Energy Conservation and Renewable Energy Programs.	
Oct. 1, 1981	Synthetic Fuels and Environmental R&D (Jointly with NRARE Subc.).	
Oct. 26, 1981	Field Hearing—Energy Efficiency in Florida's Future (Tallahassee, FL).	
Dec. 10, 1981	Direct Combustion of Coal	
	SECOND SESSION	
Jan. 22, 1982	Field Hearing—Energy Efficiency in the Midwest: What is Needed; What is Being Done (Des Moines, Iowa).	
Mar. 5, 1982	Federal Energy R&D Priorities (Jointly with ERP Subc.)	
Mar. 9, 1982	Department of Energy (DOE) FY 1983 Authorization (Conservation and Renewables).	
Mar. 11, 1982	DOE FY 1983 Authorization (Conservation and Renewables).	
Mar. 16, 1982	DOE FY 1983 Authorization Renewable Energy R&D	
Mar. 17, 1982	DOE FY 1983 Authorization Renewable Energy R&D	
Mar. 18, 1982	Fossil Energy R&D	
Mar. 23, 1982	DOE FY 1983 Authorization (Fossil Energy)	
Mar. 24, 1982	DOE FY 1983 Authorization (Fossil Energy)	
Mar. 25, 1982	DOE FY 1983 Authorization (Basic Research)	
Mar. 30, 1982	DOE FY 1983 Authorization (Basic Research)	
Apr. 28, 1982	Socio-economic Impacts of Synthetic Fuels	
May 18, 1982	Coal Research	
June 2, 1982	Impacts of Budget Uncertainty on the DOE National Laboratories (Jointly with ERP Subc.).	
June 3, 1982	U.S. Solar and Conservation Technologies in International Markets (Jointly with I&O Subc.).	

SUBCOMMITTEE ON ENERGY DEVELOPMENT AND APPLICATIONS

Date	Subject	Full Committee Meeting
June 8, 1982	Electric Power System Reliability (Jointly with ERP Subc.)	
June 10, 1982	Electric Power System Reliability (Jointly with ERP Subc.)	
June 17, 1982	U.S. Solar and Conservation Technologies in International Markets (Jointly with I&O Subc.).	
June 21, 1982	Field Hearing—Coal Research (Bruceton, PA)	
July 13, 1982	Business Incentives in the Development of Renewable Energy Technologies.	
July 22, 1982	Building Energy Science	
July 28, 1982	Renewable Energy in the 80's: Research Needs for Solar Electric Technologies.	
July 30, 1982	Field Hearing—Natural Gas Options: New Resources and New Technologies (Roswell, NM).	
Aug. 23, 1982	Field Hearing—Future Coal R&D Needs (St. Louis, MO)	
Sep. 16, 1982	Coal Research	
Dec. 2, 1982	The Future of the Department of Energy's Multiprogram Laboratories (Jointly with ERP Subc.).	
Dec. 9, 1982	The Integrity of Electric Power Systems (Jointly with ERP Subc.).	

SUBCOMMITTEE ON NATURAL RESOURCES, AGRICULTURE RESEARCH AND ENVIRONMENT

FIRST SESSION

Date	Subject	Full Committee Meeting
Mar. 5, 1981	National Climate Program	
Mar. 11, 1981	Environmental Protection Agency (EPA) FY 1982 Budget Authorization: R&D.	
Mar. 12, 1981	National Oceanic and Atmospheric Administration (NOAA) FY 1982 Budget Authorization.	
Mar. 13, 1981	Department of Energy (DOE) FY 1982 Budget Authorization: Health, Environment and Safety.	
Mar. 17, 1981	EPA FY 1982 R&D Budget Authorization	
Mar. 18, 1981	EPA FY 1982 R&D Budget Authorization	
Mar. 26, 1981	Markup—DOE FY 1982 Budget Authorization (Health, Environment and Safety); H.R. 2803, NOAA FY 1982 Budget Authorization; H.R. 2804, EPA FY 1982 budget Authorization (R&D).	May 6,7,14, 1981 (DOE); May 13, 1981 (EPA & NOAA)
Apr. 27, 1981	Pharmaceutical Innovation: Promises and Problems (Jointly with I&O Subc.).	
May 8, 1981	Field Hearing—Establishment of a Pine Barren Reserve (Southampton, NY).	
May 19, 1981	The Clean Air Act (Jointly with EDA Subc.)	
May 20, 1981	The Clean Air Act (Jointly with EDA Subc.)	
May 27, 1981	Sewage Sludge Research	
May 28, 1981	The Clean Air Act (Jointly with EDA Subc.)	
June 2, 1981	Health Information Systems (Jointly with SRT Subc.)	
June 3, 1981	Health Information Systems (Jointly with SRT Subc.)	
June 4, 1981	Health Information Systems (Jointly with SRT Subc.)	
July 9, 1981	Impact of Pollution on Crop Productivity (Jointly with Subc. on Dept. Operations, Research, and Foreign Agriculture of the House Committee on Agriculture).	
July 21, 1981	Seminar on the Federal Drug Approval Process	
July 23, 1981	Health Information Systems (Jointly with SRT Subc.)	
July 31, 1981	Carbon Dioxide Posture Hearing (Jointly with I&O Subc.)	
Aug. 17, 1981	Commission on Federal Drug Approval Process (Executive Session).	

SUBCOMMITTEE ON NATURAL RESOURCES AND ENVIRONMENT

Date	Subject	Full Committee Meeting
Sep. 16, 1981	Drug Lag	
Sep. 18, 1981	Field Hearing—Acid Precipitation (Lake Placid, NY)	
Sep. 19, 1981	Briefing—Acid Precipitation (Lake Placid, NY)	
Sep. 21, 1981	Commission on Federal Drug Approval Process	
Oct. 1, 1981	Synthetic Fuels Environmental R&D (Jointly with EDA Subc.).	
Oct. 6, 1981	H.R. 3769, the "Severe Storms Advisory Committee Act of 1981".	
Oct. 22, 1981	EPA R&D Posture Hearing	
Nov. 19, 1981	Acid Rain Technical Hearing	
Dec. 7, 1981	Field Hearing—Hazardous Waste (Warwick, RI)	
Dec. 9, 1981	H.R. 4830, the "Acid Rain Research Implementation Act of 1981" and H.R. 5505, the "Acid Precipitation Accelerated Review and Reporting Act".	
Dec. 15, 1981	H.R. 3600, the "Great Lakes Protection Act of 1981"	

SECOND SESSION

Date	Subject	Full Committee Meeting
Feb. 23, 1982	National Oceanic and Atmospheric Administration (NOAA) FY 1983 Authorization.	
Feb, 24, 1982	Environmental Protection Agency (EPA) FY 1983 Authorization.	
Feb. 25, 1982	NOAA FY 1983 Authorization	
Mar. 2, 1982	EPA FY 1983 Authorization	
Mar. 3. 1982	NOAA FY 1983 Authorization	
Mar. 9, 1982	H.R. 3600—the "Great Lakes Protection Act of 1981"	
Mar. 11, 1982	Oversight—Department of Energy (DOE) R&D Budget	
Mar. 16, 1982	H.R. 5401—the "National Climate Program Amendments of 1982".	
Mar. 19, 1982	EPA FY 1983 Authorization	
Mar. 25, 1982	Carbon Dioxide and the Greenhouse Effect (Jointly with I&O Subc.).	
Apr. 12, 1982	Field Hearing—Research in Innovative Technology in Agriculture: Aquaculture (Honolulu, Hawaii).	
Apr. 14, 1982	Field Hearing—The Status of Research on the Impact of Pesticides on Health and the Environment (Honolulu, Hawaii).	
Apr. 29, 1982	Nutritional Status of the United States	

SUBCOMMITTEE ON NATURAL RESOURCES AND ENVIRONMENT

Date	Subject	Full Committee Meeting
May 5, 1982	Markup—The Environmental Protection Agency R&D FY 1983 Authorization and the National Oceanic and Atmospheric FY 1983 Authorization.	May 18, 1982
June 8, 1982	Research Needs of the Clean Water Act	
June 10, 1982	Research Needs of the Clean Water Act	
June 23, 1982	Ocean Dumping Fees (Jointly with the Committee on Merchant Marine and Fisheries).	
July 21, 1982	Environmental Protection Agency Oversight Hearing (Jointly with the Investigations and Oversight Subcommittee; Subcommittee on Environment, Energy and Natural Resources of the Committee on Government Operations; Subcommittee on Health and the Environment, Subcommittee on Commerce, Transportation and Tourism of the Committee on Energy and Commerce).	
July 22, 1982	Environmental Protection Agency Oversight Hearing (Jointly with the Investigations and Oversight Subcommittee; Subcommittee on Environment, Energy and Natural Resources of the Committee on Government Operations; Subcommittee on Health and the Environment, Subcommittee on Commerce, Transportation and Tourism of the Committee on Energy and Commerce).	
July 27, 1982	National Agriculture Research Policy	
July 29, 1982	National Agriculture Research Policy	
Sep. 16, 1982	Deforestation (Jointly with the Subcommittee on Human Rights and International Organizations of the Committee on Foreign Affairs).	
Sep. 17, 1982	Reyes Syndrome	
Sep. 29, 1982	Reyes Syndrome	
Sep. 30, 1982	Appropriate Agriculture Technology	
Nov. 30, 1982	The Scientific Adequacy of the Environmental Protection Agency's Regulations for Land Disposal of Hazardous Wastes.	
Dec. 8, 1982	The Scientific Adequacy of the Environmental Protection Agency's Regulations for Land Disposal of Hazardous Wastes.	
Dec. 16, 1982	The Scientific Adequacy of the Environmental Protection Agency's Regulations for Land Disposal of Hazardous Wastes.	

SUBCOMMITTEE ON ENERGY RESEARCH AND PRODUCTION

FIRST SESSION

DATE	SUBJECT	FULL COMMITTEE MEETING
Feb. 25, 1981	Department of Energy (DOE) FY 1982 Budget Authorization, Nuclear Issues: Fission and Magnetic Fusion.	
Feb. 26, 1981	DOE FY 1982 Budget Authorization, Waste Management and Advanced Isotope Separation.	
Mar. 3, 1981	DOE FY 1982 Budget Authorization, Magnetic Fusion Energy Program.	
Mar. 4, 1981	DOE FY 1982 Budget Authorization, Breeder Program	
Mar. 5, 1981	DOE FY 1982 Budget Authorization, Nuclear Fuel Cycle Program.	
Mar. 10, 1981	DOE FY 1982 Budget Authorization, Advanced Isotope Separation and Other Major Nuclear Issues.	
Mar. 11, 1981	DOE FY 1982 Budget Authorization, Budget Authorization Ceilings for Submission to Committee on the Budget.	
Mar. 16, 1981	DOE FY 1982 Budget Authorization, Electric Energy Systems, Energy Storage and Low Head Hydroelectric Programs.	
Mar. 17, 1981	DOE FY 1982 Budget Authorization, Nuclear Fission: Breeder Reactor and Fuel Cycle R&D Programs.	
Mar. 18, 1981	DOE FY 1982 Budget Authorization, Magnetic Fusion Energy Program.	
Mar. 19, 1981	DOE FY 1982 Budget Authorization, Nuclear Programs: Waste Management, Conventional Reactor Systems and Advanced Isotope Separation Technology.	
Mar. 20, 1981	DOE FY 1982 Budget Authorization, Advanced Nuclear Systems and Uranium Enrichment.	
Mar. 25, 1981	Markup—DOE FY 1982 Budget Authorization	
Apr. 30, 1981	Markup—DOE FY 1982 Authorization	May 6,7,14, 1981
June 17, 1981	H.R. 1909—Nuclear Waste Research, Development and Demonstration Act of 1981.	
June 18, 1981	H.R. 1909—Nuclear Waste Research, Development and Demonstration Act of 1981.	
June 29, 1981	Fusion Advisory Panel Meeting	
July 15, 1981	Decontrol, Tax Incentives and Energy R&D (Jointly with EDA Subc.).	
July 15, 1981	Markup—H.R. 1909, the Nuclear Waste Research, Development and Demonstration Act of 1981.	

SUBCOMMITTEE ON ENERGY RESEARCH AND PRODUCTION

Date	Subject	Full Committee Meeting
July 16, 1981	Markup—H.R. 1909, the Nuclear Waste Research, Development and Demonstration Act of 1981.	
July 29, 1981	Department of Energy National Laboratories' Relationships with Industry and the University Community (Jointly with EDA Subc.).	
Sep. 15, 1981	Impacts of the Price-Anderson Act on R&D Facilities	
Oct. 5, 1981	Nuclear Waste Management Legislation (H.R. 4697, H.R. 2881 and H.R. 1993).	
Oct. 7, 1981	Nuclear Waste Management Legislation (H.R. 4697, H.R. 2881 and H.R. 1993).	
Oct. 15, 1981	Meeting to discuss Nuclear Waste Management Legislation (H.R. 4697, H.R. 2881 and H.R. 1993).	
Oct. 21, 1981	Markup—H.R. 4697, the "Nuclear Waste Research, Development, and Demonstration Act of 1981".	
Dec. 8, 1981	Energy Storage and Electric Energy Systems	
Dec. 15, 1981	Energy Public Information and Rational Public Policy Decisions.	

SECOND SESSION

Date	Subject	Full Committee Meeting
Mar. 5, 1982	Federal Energy R&D Priorities (Jointly with EDA Subc.)	
Mar. 8, 1982	Uranium Enrichment Demand Charges	
Mar. 9, 1982	Department of Energy (DOE) FY 1983 Budget Review, Breeder Reactor Program and Nuclear Fuel Cycle.	
Mar. 10, 1982	DOE FY 1983 Budget Review, Breeder Reactor Program and Nuclear Fuel Cycle.	
Mar. 16, 1982	DOE FY 1983 Budget Review, Other Nuclear Fission Programs (Conventional Reactor Systems, Civilian Waste Management, Advanced Nuclear Systems).	
Mar. 17, 1982	DOE FY 1983 Budget Review, Other Nuclear Fission Programs (Conventional Reactor Systems, Civilian Waste Management, Advanced Nuclear Systems.	
Mar. 23, 1982	DOE FY 1983 Budget Review, Magnetic Fusion Energy Program.	
Mar. 24, 1982	DOE FY 1983 Budget Review, Magnetic Fusion Energy Program.	
Mar. 25, 1982	DOE FY 1983 Budget Review, Electric Energy Systems, Energy Storage Systems, Small-Scale Hydroelectric Programs.	
Mar. 30, 1982	DOE FY 1983 Budget Review, Uranium Enrichment R&D	
Mar. 31, 1982	DOE FY 1983 Budget Review, Uranium Enrichment R&D	
May 18, 1982	Nuclear Regulatory Commission R&D Program	
May 19, 1982	Nuclear Regulatory Commission R&D Program	

SUBCOMMITTEE ON ENERGY RESEARCH AND PRODUCTION

Date	Subject	Full Committee Meeting
May 20, 1982	Classified—DOE FY 1983 Budget Review, Advanced Isotope Separation Technology.	
June 2, 1982	Impacts of Budget Uncertainty on the Department of Energy National Laboratories (Jointly with EDA Subc.).	
June 8, 1982	Electric Power Systems Reliability (Jointly with EDA Subc.).	
June 10, 1982	Electric Power Systems Reliability (Jointly with EDA Subc.).	
June 15, 1982	Nuclear Regulatory Commission R&D Program	
July 22, 1982	Meeting to Vote on the report entitled: "Research Programs Conducted by the Nuclear Regulatory Commission".	
Aug. 3, 1982	Technical Aspects of Nuclear Nonproliferation: Safeguards	
Aug. 4, 1982	Technical Aspects of Nuclear Nonproliferation: Safeguards	
Sep. 8, 1982	Fusion Energy Workshop (Jointly with Subcommittee on Energy Research and Development of the Senate Committee on Energy and Natural Resources).	
Dec. 2, 1982	The Future of the Department of Energy's Multiprogram National Laboratories (Jointly with EDA Subc.).	
Dec. 9, 1982	The Integrity of Electric Power Systems (Jointly with EDA Subc.).	

SUBCOMMITTEE ON SCIENCE, RESEARCH AND TECHNOLOGY

FIRST SESSION

Date	Subject	Full Committee Meeting
Feb. 18, 1981	Subcommittee Organizational Meeting	
Feb. 25, 1981	Federal Emergency Management Agency (FEMA) FY 1982 Budget Authorization.	
Mar. 3, 1981	H.R. 1520—National Science Foundation (NSF) FY 1982 Budget Authorization.	
Mar. 4, 1981	FEMA FY 1982 Budget Authorization	
Mar. 5, 1981	H.R. 1520—NSF FY 1982 Budget Authorization	
Mar. 10, 1981	H.R. 1520—NSF FY 1982 Budget Authorization: Science and Engineering Education.	
Mar. 11, 1981	FEMA FY 1982 Budget Authorization: Earthquake Hazards Reduction and Fire Prevention and Control Acts.	
Mar. 12, 1981	H.R. 1520—NSF FY 1982 Budget Authorization: Biological and Behavioral Sciences Directorate.	
Mar. 17, 1981	H.R. 1520—NSF FY 1982 Budget Authorization: Overall Reviews of NSF Budget: Including Instrumentation, International Programs and Women and Minorities.	
Mar. 18, 1981	Markup—H.R. 1520, NSF FY 1982 Authorization; FEMA FY 1982 Authorization.	
Mar. 24, 1981	Markup—H.R. 1520, NSF FY 1982 Authorization; FEMA FY 1982 Authorization.	Apr. 28, 1981 (NSF); May 13, 1981 (FEMA)
May 27, 1981	H.R. 3137—Information Science and Technology Act	
May 28, 1981	H.R. 3137—Information Science and Technology Act	
June 2, 1981	Health Information Systems (Jointly with NRARE Subc.)	
June 3, 1981	Health Information Systems (Jointly with NRARE Subc.)	
June 4, 1981	Health Information Systems (Jointly with NRARE Subc.)	
June 8, 1981	Commercializing University Biomedical Research (Jointly with I&O Subc.).	
June 9, 1981	Commercializing University Biomedical Research (Jointly with I&O Subc.).	
June 9, 1981	H.R. 3137—Information Science and Technology Act	
June 16, 1981	National Bureau of Standards Organic Act	
June 17, 1981	National Bureau of Standards Organic Act	
June 18, 1981	National Bureau of Standards Organic Act	

SUBCOMMITTEE ON SCIENCE, RESEARCH AND TECHNOLOGY

Date	Subject	Full Committee Meeting
June 24, 1981	Nutrition Status Monitoring Systems (Jointly with Subc. on Department Operations, Research and Foreign Agriculture of the Committee on Agriculture).	
July 14, 1981	Implementation of the Stevenson-Wydler Technology Innovation Act—P.L. 96-480.	
July 15, 1981	Implementation of the Stevenson-Wydler Technology Innovation Act—P.L. 96-480.	
July 16, 1981	Implementation of the Stevenson-Wydler Technology Innovation Act—P.L. 96-480.	
July 23, 1981	Health Information Systems (Jointly with NRARE Subc.)	
July 28, 1981	Seminar on Innovation and Productivity: A Human Perspective.	
Sep. 9, 1981	The Human Factor in Innovation and Productivity	
Sep. 10, 1981	The Human Factor in Innovation and Productivity	
Sep. 11, 1981	The Human Factor in Innovation and Productivity	
Sep. 15, 1981	The Human Factor in Innovation and Productivity	
Sep. 16, 1981	The Human Factor in Innovation and Productivity	
Sep. 17, 1981	The Human Factor in Innovation and Productivity	
Sep. 24, 1981	H.R. 3441—Risk Analysis Research and Demonstration Act	
Oct. 1, 1981	National Institute of Handicapped Research (Jointly with Subcommittee on Select Education of the Committee on Education and Labor).	
Oct. 2, 1981	National Institute of Handicapped Research ((Jointly with Subcommittee on Select Education of the Committee on Education and Labor).	
Oct. 5, 1981	Field Hearing—Formation and Development of High Technology Firms (Columbus, OH).	
Oct. 13, 1981	Use of Animals in Medical Research and Testing	
Oct. 14, 1981	Use of Animals in Medical Research and Testing	
Nov. 24, 1981	Field Hearing—Forecasting Needs of High Technology and the Future (Boston, MA).	
Dec. 14, 1981	Field Hearing—Impact of Federal Budget Reductions on Engineering and Scientific Research and Education (Middletown, PA).	

SECOND SESSION

Date	Subject	Full Committee Meeting
Jan. 21, 1982	Field Hearing—H.R. 3839, the National Design Council (Los Angeles, CA).	
Feb. 8, 1982	Metric Conversion	
Feb. 9, 1982	National Bureau of Standards (NBS) FY 1983 Authorization	

SUBCOMMITTEE ON SCIENCE, RESEARCH AND TECHNOLOGY

DATE	SUBJECT	FULL COMMITTEE MEETING
Feb. 10, 1982	NBS FY 1983 Authorization	
Feb. 11, 1982	Field Hearing—H.R. 5254 and the Impact of Budget Reductions in Federal Science and Engineering Education Programs on Industry, Colleges and Universities in the Pittsburgh Area (Pittsburgh, PA).	
Feb. 16, 1982	Field Hearing—Local Incentives for High Technology Firms and Innovation (Columbus, O).	
Feb 23, 1982	National Science Foundation (NSF) FY 1983 Authorization— Behavioral and Social Sciences; International Innovation and Intergovernmental Programs; and the Cross Directorate Programs.	
Feb. 25, 1982	NSF FY 1983 Authorization—Science and Engineering Education Programs.	
Mar. 4, 1982	NSF FY 1983 Authorization—Women and Minorities in Science; Handicapped Intrumentation.	
Mar. 10, 1982	Markup—H.Con.Res. 81, Expressing Support for the Fire Safety Efforts of the U.S. Fire Administration and H.R. 5748, the "National Science Foundation Authorization Act for FY 1983".	Mar. 18,23, 1982
Mar. 11, 1982	Reauthorization of the National Earthquakes Hazards Reduction Act of 1977 (Jointly with the Subcommittee on Science, Technology and Space of the Senate Committee on Commerce, Science and Transportation).	
Mar. 17, 1982	Markup—H.R. 5726, the "National Bureau of Standards (NBS) FY 1983 Authorization Act" and H.R. 3441, the "Risk Analysis Research and Demonstration Act of 1981".	Mar. 18,23; Apr. 1, 1982 (NBS)
Mar. 29, 1982	Secrecy Proposals and the Impact on Science and Technology (Jointly with I&O Subc.).	
Apr. 20, 1982	Oversight—H.R. 4281, the "Critical Materials Act of 1981" and P.L. 96-479, the "National Materials and Minerals Policy R&D Act" (Jointly with TAM Subc.).	
Apr. 22. 1982	Oversight—H.R. 4281, the "Critical Materials Act of 1981" and P.L. 96-479, the "National Materials and Minerals Policy R&D Act" (Jointly with TAM Subc.).	
Apr. 27, 1982	H.R. 5254, the "National Engineering and Science Manpower Act of 1982".	
Apr. 29, 1982	H.R. 5254, the "National Engineering and Science Manpower Act of 1982".	
May 4, 1982	H.R. 6245, the "Humane Care and Development of Substitutes for Animals in Research Act".	
May 5, 1982	Markup—H.R. 6272, to amend the Earthquake Hazards Reduction Act of 1977.	May 13, 1982
May 7, 9182	Field Hearing—Secondary, Mathematics and Science Education (Norman, OK).	
May 19, 1982	International Transfer of Computer Technology (Jointly with I&O Subc.).	

SUBCOMMITTEE ON SCIENCE, RESEARCH AND TECHNOLOGY

Date	Subject	Full Committee Meeting
May 25, 1982	Oversight—U.S. Fire Administration	
June 9, 1982	Markup—H.R. 6245, the "Humane Care and Development of Substitutes for Animals in Research Act".	Aug. 3, 11, 1982
June 16, 1982	University/Industry Relationships in Biomedical Research (Jointly with I&O Subc.).	
June 17, 1982	University/Industry Relationships in Biomedical Research (Jointly with I&O Subc.).	
June 23, 1982	Human Nutrition Research (Jointly with Subcommittee on Department Operations, Research, and Foreign Agriculture of the Committee on Agriculture).	
July 15, 1982	International Transfer of Computer Technology (Jointly with I&O Subc.).	
Sep. 15, 1982	Markup—H.R. 5254, the "National Engineering and Science Manpower Act of 1982" (H.R. 7130).	
Sep. 16, 1982	Markup—H.R. 5254, the "National Engineering and Science Manpower Act of 1982" (H.R. 7130).	Sep. 22, 1982
Sep. 29, 1982	Review of Office of Technology Assessment Report entitled: "Technology and Handicapped People".	
Sep. 30, 1982	Setting Priorities for Science (Jointly with I&O Subc.)	
Dec. 12, 1982	Research and Development Priorities (Jointly with I&O Subc.).	

SUBCOMMITTEE ON SPACE SCIENCE AND APPLICATIONS

FIRST SESSION

Date	Subject	Full Committee Hearing
Feb. 23, 1981	Field hearing—Lewis Research Center (Cleveland, Ohio)	
Feb. 27, 1981	Field hearing—Johnson Space Flight Center (Houston, TX)	
Mar. 2, 1981	Field hearing—Marshall Space Flight Center (Huntsville, AL).	
Mar. 4, 1981	H.R. 1257—National Aeronautics and Space Administration (NASA) FY 1982 Budget Authorization.	
Mar. 5, 1981	H.R. 1257—NASA FY 1982 Budget Authorization	
Mar. 10, 1981	H.R. 1257—NASA FY 1982 Budget Authorization	
Mar. 11, 1981	H.R. 1257—NASA FY 1982 Budget Authorization	
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Date	Subject	Full Committee Hearing
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Date	Subject	Full Committee Hearing
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Mar. 25, 1981	Markup—H.R. 2643, FAA R&D FY 1982 Authorization; H.R. 1257, NASA FY 1982 Authorization (Aeronautics); DOE FY 1982 Authorization (Transportation programs).	Apr. 7, 1981 (NASA & FAA); May 6,7,14, 1981 (DOE)
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Aug. 27, 1981	Field Hearing—Future of General Aviation and Commuter Airlines (Jointly with Subc. on Aviation of the Senate Committee on Commerce, Science and Transportation)(Wichita, KS).	
Sep. 2, 1981	Field Hearing—Aircraft Collision Avoidance and Air Traffic Safety (Los Angeles, CA).	

SUBCOMMITTEE ON TRANSPORTATION, AVIATION AND MATERIALS

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Feb. 9, 1982	National Aeronautics and Space Administration (NASA) FY 1983 Authorization (Jointly with SSA Subc.).	
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Mar. 9, 1982	Air Safety (Jointly with I&O Subc.)	
Mar. 25, 1982	Markup—H.R. 5890, the NASA FY 1983 Authorization (Aeronautics) and DOE FY 1983 Authorization (Transportation Programs).	Apr. 28, 1982
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Apr. 22, 1982	Oversight—H.R. 4281, the "Critical Materials Act of 1981" and P.L. 96-479, the "National Materials and Minerals Policy R&D Act" (Jointly with SRT Subc.).	
Apr. 28, 1982	Federal Aviation Administration National Air Space System Plan.	
Apr. 29, 1982	Federal Aviation Administration National Air Space System Plan.	
May 4, 1982	Markup—H.R. 6193, the FY 1983 Federal Aviation Administration R&D Authorization.	May 13, 1982
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SUBCOMMITTEE ON TRANSPORTATION, AVIATION AND MATERIALS

DATE	SUBJECT	FULL COMMITTEE MEETING
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SUBCOMMITTEE ON INVESTIGATIONS AND OVERSIGHT

FIRST SESSION

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Sep. 30, 1981	Emergency Management Information and Technology	
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SUBCOMMITTEE ON INVESTIGATIONS AND OVERSIGHT

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May 19, 1982	International Transfer of Computer Technology (Jointly with SRT Subc.).	
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June 17, 1982	University/Industry Relationships in Biomedical Research (Jointly with SRT Subc.).	
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SUBCOMMITTEE ON INVESTIGATIONS AND OVERSIGHT

Date	Subject	Full Committee Meeting
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H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 4830 To strengthen research and development programs aimed at understanding the causes and effects of acid precipitation, and to establish a process for cooperative decisionmaking on strategies to control this environmental problem.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

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H.R. 6753 To establish objective criteria and procedures for closing and consolidating weather stations.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

H.R. 6930 To establish within the National Science Foundation a Presidential Science and Engineering Young Investigators Awards Program, a Presidential Pre-College Science and Mathematics Improvement Program, and a Federal Program for University Research Facilities and Manpower Improvement, and for other purposes.

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

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H.R. 2643 To provide for the improvement of the Nation's airport and airway system, and for other purposes.

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H.Con.Res. 173 Expressing the sense of the Congress that the United States should embark on a program to construct a permanent manned operations center in low earth orbit within 10 years, and for other purposes.

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H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

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H.R. 4281 Entitled: "Critical Materials Act of 1981".

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H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

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H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

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BOLAND, Edward P. of Massachusetts

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

BONER, William Hill of Tennessee

H.R. 2643 To provide for the improvement of the Nation's airport and airway system, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

BONIOR, David E. of Michigan

H.R. 3600 To amend the National Ocean Pollution Planning Act of 1978 to provide greater coordination of research efforts concerning the Great Lakes, and for other purposes.

BONKER, Don of Washington

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

BOUQUARD, Marilyn Lloyd of Tennessee

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 1909 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.

H.R. 3378 To establish a uranium enrichment fund.

H.R. 4281 Entitled: "Critical Materials Act of 1981".

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 4697 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.

H.R. 5016 To establish a Federal policy with respect to the disposal of high-level radioactive waste from civilian nuclear activities, to provide for the construction, operation, and maintenance of waste disposal facilities, to provide for a program of nuclear waste and spent fuel research and development, and for other purposes.

H.R. 5055 To provide for an accelerated study of the causes and effects of acid rain, to provide for an examination of certain acid precursor control technologies, and for other purposes.

H.R. 6753 To establish objective criteria and procedures for closing and consolidating weather stations.

H.R. 6836 To authorize the collection of funds for nuclear accident cleanup operations and for reimbursement of related research and development expenses.

H.R. 7187 To provide for the development of repositories for the disposal of high-level radioactive waste and spent nuclear fuel, to establish a program of research, development, and demonstration regarding the disposal of high-level radioactive waste and spent nuclear fuel, and for other purposes.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

BOWEN, David R. of Mississippi

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

BREAUX, John B. of Louisiana

H.R. 4281 Entitled: "Critical Materials Act of 1981".

BRINKLEY, Jack of Georgia

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

BRODHEAD, William M. of Michigan

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 3600 To amend the National Ocean Pollution Planning Act of 1978 to provide greater coordination of research efforts concerning the Great Lakes, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

BROOKS, Jack of Texas

H.R. 6006 To transfer certain functions of the Secretary of Commerce under the Federal Property and Administrative Services Act of 1949 relating to the acquisition of automatic data processing equipment and services to the Administrator of General Services.

BROOMFIELD, William S. of Michigan

H.R. 3600 To amend the National Ocean Pollution Planning Act of 1978 to provide greater coordination of research efforts concerning the Great Lakes, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

BROWN, Clarence J. of Ohio

H.R. 3441 To establish a coordinated program under the direction of the Office of Science and Technology Policy for improving and facilitating the use of risk analysis by those Federal agencies concerned with scientific and technological decisions related to human life, health, and protection of the environment.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

BROWN, George E. of California

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 3115 To authorize appropriations for environmental research, development, and demonstrations for the fiscal year 1982, and for other purposes.

H.R. 3137 To maintain and enhance the United States' leadership in information science and technology by establishing an Institute for Information Policy and Research to address national information policy issues; to provide a forum for the interaction of government, industry and commerce, and educational interests in the formulation of national information policy options; to provide a focus and mechanism for planning and coordinating Federal research and development activities related to information science and technology; and to amend the National Science and Technology Policy, Organization, and Priorities Act of 1976 to create a new position of Special Assistant for Information Technology and Science Information.

H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

H.R. 3441 To establish a coordinated program under the direction of the Office of Science and Technology Policy for improving and facilitating the use of risk analysis by those Federal agencies concerned with scientific and technological decisions related to human life, health, and protection of the environment.

H.R. 3600 To amend the National Ocean Pollution Planning Act of 1978 to provide greater coordination of research efforts concerning the Great Lakes, and for other purposes.

H.R. 3712 To establish the national space policy of the United States, to declare the goals of the Nation's space program (both in terms of space and terrestrial applications and in space science), and to provide for the planning and implementation of such program.

H.R. 3749 To advance the national prosperity and welfare, to establish a National Technology Foundation, and for other purposes.

H.R. 3769 To establish a Severe Storms Advisory Committee to review, on an annual basis, the severe storms research and operations activities of the Federal Government.

H.R. 3839 To establish a United States Design Council within the Department of Commerce.

H.R. 4281 Entitled: "Critical Materials Act of 1981".

H.R. 4564 To establish a uniform Federal system for management, protection, and utilization of the results of federally sponsored scientific and technological research and development; and to further the public interest of the United States domestically and abroad; and for other related purposes.

H.R. 4830 To strengthen research and development programs aimed at understanding the causes and effects of acid precipitation, and to establish a process for cooperative decisionmaking on strategies to control this environmental problem.

H.R. 5254 To provide a national policy for engineering, technical, and scientific manpower, to create a national coordinating Council on Engineering and Scientific Manpower, and for other purposes.

H.R. 6007 To declare a national weather modification policy, to establish a national program of research and development in weather modification, to test and verify the safety and efficacy of weather modification techniques, to improve the technical base and standards for the private weather modification industry, to provide for the reporting of weather modification activities, and for related purposes.

H.R. 6159 To establish a program under the coordination of the Office of Science and Technology Policy for improving the use of risk analysis by those Federal agencies concerned with regulatory decisions related to the protection of human life, health, and the environment.

H.R. 6245 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation and testing

H.R. 6272 To amend the Earthquake Hazards Reduction Act of 1977 to extend authorization of appropriations, and for other purposes.

H.R. 6323 To authorize appropriations for environmental research, development, and demonstration for the fiscal years 1983 and 1984, and for other purposes.

H.R. 6324 To authorize appropriations for atmospheric, climatic, and ocean pollution activities of the National Oceanic and Atmospheric Administration for the fiscal years 1983 and 1984, and for other purposes.

BROWN, George E. of California—Continued

H.R. 6798 To authorize appropriations for atmospheric, climatic, and ocean pollution activities of the National Oceanic and Atmospheric Administration for the fiscal years 1983 and 1984, and for other purposes.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

H.R. 6950 To establish a National High-Technology Technician Training Program, utilizing the resources of the Nation's two-year community colleges to contribute to the economic strength of the United States by creating a pool of skilled technicians in strategic high-technology fields, to increase national productivity, to improve the competitiveness of the United States in international trade, and for other purposes.

H.R. 7130 To provide a national policy for engineering, technical, and scientific manpower, to provide for cost-sharing by the private sector in training such manpower, to create a national Coordinating Council on Engineering and Scientific Manpower, and for other purposes.

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

H.J.Res. 541 Concerning the successful completion of the test flight phase of the space shuttle program.

BROYHILL, James T. of North Carolina

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 7187 To provide for the development of repositories for the disposal of high-level radioactive waste and spent nuclear fuel, to establish a program of research, development, and demonstration regarding the disposal of high-level radioactive waste and spent nuclear fuel, and for other purposes.

BURGENER, Clair W. of California

H.R. 1909 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 4697 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.

H.J.Res. 541 Concerning the successful completion of the test flight phase of the space shuttle program.

H.Con.Res. 173 Expressing the sense of the Congress that the United States should embark on a program to construct a permanent manned operations center in low earth orbit within 10 years, and for other purposes.

BURTON, John L. of California

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

BUTLER, M. Caldwell of Virginia

H.R. 5055 To provide for an accelerated study of the causes and effects of acid rain, to provide for an examination of certain acid precursor control technologies, and for other purposes.

BYRON, Beverly B. of Maryland

H.R. 7187 To provide for the development of repositories for the disposal of high-level radioactive waste and spent nuclear fuel, to establish a program of research, development, and demonstration regarding the disposal of high-level radioactive waste and spent nuclear fuel, and for other purposes.

CARNEY, William of New York

H.R. 3600 To amend the National Ocean Pollution Planning Act of 1978 to provide greater coordination of research efforts concerning the Great Lakes, and for other purposes.

H.R. 4830 To strengthen research and development programs aimed at understanding the causes and effects of acid precipitation, and to establish a process for cooperative decisionmaking on strategies to control this environmental problem.

H.R. 5016 To establish a Federal policy with respect to the disposal of high-level radioactive waste from civilian nuclear activities, to provide for the construction, operation, and maintenance of waste disposal facilities, to provide for a program of nuclear waste and spent fuel research and development, and for other purposes.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

H.Res. 202 Expressing the sense of the House of Representatives that the Administrator of the Federal Aviation Administration should submit to the Committee on Science and Technology full R&D program planning documentation with respect to the modernization and replacement of the FAA air traffic control enroute computer system.

CHAPPELL, Bill, Jr. of Florida

H.R. 2358 To establish the Mineral Conservation Research and Development Commission within the National Science Foundation, and to provide for the inventory of major nonfuel raw materials and the development of substitute materials.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 6753 To establish objective criteria and procedures for closing and consolidating weather stations.

CHAPPIE, Eugene of California

H.R. 6753 To establish objective criteria and procedures for closing and consolidating weather stations.

H.J.Res. 541 Concerning the successful completion of the test flight phase of the space shuttle program.

H.Con.Res. 319 Expressing the sense of Congress concerning the proposed closure of certain National Weather Service offices.

CHISHOLM, Shirley of New York

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

CLAUSEN, Don H. of California

H.R. 2930 To provide for the improvement of the Nation's airport and airway system, for the modification of airport and airway user taxes, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 6753 To establish objective criteria and procedures for closing and consolidating weather stations.

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H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

H.J.Res. 541 Concerning the successful completion of the test flight phase of the space shuttle program.

CLAY, William (Bill) of Missouri

H.R. 1720 To establish a task force to identify ocean sites and the nature of radioactive wastes which were dumped into the ocean prior to 1970 and to prepare a comprehensive plan for monitoring and assessing the impacts which such wastes have had on the environment and the public health.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

CLINGER, William F., Jr. of Pennsylvania

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COATS, Dan of Indiana

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COELHO, Tony of California

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H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 5508 To amend the Energy Security Act to consolidate in the Department of Agriculture authority to provide financial assistance for energy projects which use wood and wood wastes and residues as feedstocks, and for other purposes.

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

H.J.Res. 541 Concerning the successful completion of the test flight phase of the space shuttle program.

COLLINS, Cardiss of Illinois

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.Con.Res. 81 Expressing the sense of the Congress that State and local governments should support the fire safety efforts of the United States Fire Administration to reduce lives and property damage lost by fire.

H.Con.Res. 288 Expressing the sense of the Congress that State and local governments should support the fire safety efforts of the United States Fire Administration to reduce lives and property damage lost by fire.

CONTE, Silvio W, of Massachusetts

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

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CONYERS, John, Jr. of Michigan

H.R. 1720 To establish a task force to identify ocean sites and the nature of radioactive wastes which were dumped into the ocean prior to 1970 and to prepare a comprehensive plan for monitoring and assessing the impacts which such wastes have had on the environment and the public health.

H.R. 1993 To provide for the development of a plan for the disposal of radioactive waste and spent nuclear fuel, to require the construction of repositories in accordance with the plan, to establish a Federal policy regarding the interim storage and commercial reprocessing of spent nuclear fuel, to provide for a demonstration program for dry storage of such fuel, and for other purposes.

H.R. 3600 To amend the National Ocean Pollution Planning Act of 1978 to provide greater coordination of research efforts concerning the Great Lakes, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 4712 To establish a Federal Oil and Gas Development Corporation to provide for the exploration for and extraction of oil and gas located on and under Federal land.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

H.Con.Res. 81 Expressing the sense of the Congress that State and local governments should support the fire safety efforts of the United States Fire Administration to reduce lives and property damage lost by fire.

CORCORAN, Tom of Illinois

H.R. 3877 To amend the Energy Policy and Conservation Act to provide for adequate supplies of helium for future energy efficiency and conservation purposes, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

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H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

CORRADA, Baltasar of Puerto Rico

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H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

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H.R. 5880 To provide for an automobile research competition to produce a radically new automobile embodying high fuel economy, safety, and environmental standards, and for other purposes.

H.R. 6753 To establish objective criteria and procedures for closing and consolidating weather stations.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

H.R. 6930 To establish within the National Science Foundation a Presidential Science and Engineering Young Investigators Awards Program, a Presidential Pre-College Science and Mathematics Improvement Program, and a Federal Program for University Research Facilities and Manpower Improvement, and for other purposes.

H.Con.Res. 81 Expressing the sense of the Congress that State and local governments should support the fire safety efforts of the United States Fire Administration to reduce lives and property damage lost by fire.

COURTER, James A. of New Jersey

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H.R. 4830 To strengthen research and development programs aimed at understanding the causes and effects of acid precipitation, and to establish a process for cooperative decisionmaking on strategies to control this environmental problem.

COYNE, James K. of Pennsylvania

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H.R. 1993 To provide for the development of a plan for the disposal of radioactive waste and spent nuclear fuel, to require the construction of repositories in accordance with the plan, to establish a Federal policy regarding the interim storage and commercial reprocessing of spent nuclear fuel, to provide for a demonstration program for dry storage of such fuel, and for other purposes.

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H.R. 1660 To repeal the Metric Conversion Act of 1975 (89 Stat. 1007; 15 U.S.C. 205a et seq.).

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 5055 To provide for an accelerated study of the causes and effects of acid rain, to provide for an examination of certain acid precursor control technologies, and for other purposes.

CRANE, Philip M. of Illinois

H.R. 1704 To amend the Metric Conversion Act of 1975 to provide that the functions of the Federal Government with respect to the metric system shall be limited to coordinating the conversion to such system in areas or industries which desire it, and keeping the public informed thereon, without encouraging in any way the adoption or use of such system.

CROCKETT, George W., Jr. of Michigan

H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

H.R. 3600 To amend the National Ocean Pollution Planning Act of 1978 to provide greater coordination of research efforts concerning the Great Lakes, and for other purposes.

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D'AMOURS, Norman E. of New Hampshire

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H.R. 6112 To amend title II of the Marine Protection, Research and Sanctuaries Act of 1972.

H.R. 6798 To authorize appropriations for atmospheric, climatic, and ocean pollution activities of the National Oceanic and Atmospheric Administration for the fiscal years 1983 and 1984, and for other purposes.

DANIEL, Dan of Virginia

H.R. 4281 Entitled: "Critical Materials Act of 1981".

DANNEMEYER, William E. of California

H.R. 1909 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.

H.R. 4697 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

DASCHLE, Thomas A. of South Dakota

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H.Con.Res. 319 Expressing the sense of Congress concerning the proposed closure of certain National Weather Service offices.

DAUB, Hal of Nebraska

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de la GARZA, E. of Texas

H.R. 3769 To establish a Severe Storms Advisory Committee to review, on an annual basis, the severe storms research and operations activities of the Federal Government.

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DELLUMS, Ronald V. of California

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DELLUMS, Ronald V. of California—Continued

H.R. 1993 To provide for the development of a plan for the disposal of radioactive waste and spent nuclear fuel, to require the construction of repositories in accordance with the plan, to establish a Federal policy regarding the interim storage and commercial reprocessing of spent nuclear fuel, to provide for a demonstration program for dry storage of such fuel, and for other purposes.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

H.Con.Res. 242 Expressing the sense of Congress concerning the resignation of Ann Gorsuch from her post as Administrator of the Environmental Protection Agency.

de LUGO, Ron of the Virgin Islands

H.R. 2643 To provide for the improvement of the Nation's airport and airway system, and for other purposes.

DeNARDIS, Lawrence J. of Connecticut

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 6950 To establish a National High-Technology Technician Training Program, utilizing the resources of the Nation's two-year community colleges to contribute to the economic strength of the United States by creating a pool of skilled technicians in strategic high-technology fields, to increase national productivity, to improve the competitiveness of the United States in international trade, and for other purposes.

DERRICK, Butler of South Carolina

H.R. 2881 To establish licensed permanent repositories for transuranic waste, high-level radioactive waste, and spent fuel, and for other purposes.

DERWINSKI, Edward J. of Illinois

H.R. 4286 To establish a national space and aeronautics policy, and for other purposes.

H.Con.Res. 173 Expressing the sense of the Congress that the United States should embark on a program to construct a permanent manned operations center in low earth orbit within 10 years, and for other purposes.

DICKS, Norman D. of Washington

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

DINGELL, John D., of Michigan

H.R. 3002 To authorize appropriations to the Department of Energy for civilian programs for fiscal year 1982.

H.R. 3447 To authorize appropriations to the Department of Energy for civilian programs for fiscal year 1982 and fiscal year 1983, and for other purposes.

H.R. 3600 To amend the National Ocean Pollution Planning Act of 1978 to provide greater coordination of research efforts concerning the Great Lakes, and for other purposes.

H.R. 3877 To amend the Energy Policy and Conservation Act to provide for adequate supplies of helium for future energy efficiency and conservation purposes, and for other purposes.

H.R. 7187 To provide for the development of repositories for the disposal of high-level radioactive waste and spent nuclear fuel, to establish a program of research, development, and demonstration regarding the disposal of high-level radioactive waste and spent nuclear fuel, and for other purposes.

DIXON, Julian C. of California

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

H.J.Res. 541 Concerning the successful completion of the test flight phase of the space shuttle program.

DONNELLY, Brian J., Jr. of Massachusetts

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 2110 To promote the development of methods of research, experimentation, and testing that minimize the use of, and pain and suffering to, live animals.

DORGAN, Byron L. of North Dakota

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 6007 To declare a national weather modification policy, to establish a national program of research and development in weather modification, to test and verify the safety and efficacy of weather modification techniques, to improve the technical base and standards for the private weather modification industry, to provide for the reporting of weather modification activities, and for related purposes.

DORNAN, Robert K. of California

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 2924 To amend section 312(c) of the Federal Aviation Act of 1958, relating to research and development, to require the Secretary of Transportation to assure the development of a collision avoidance system for use on all civil and military aircraft of the United States in the interest of air safety.

H.R. 4286 To establish a national space and aeronautics policy, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 6930 To establish within the National Science Foundation a Presidential Science and Engineering Young Investigators Awards Program, a Presidential Pre-College Science and Mathematics Improvement Program, and a Federal Program for University Research Facilities and Manpower Improvement, and for other purposes.

H.J.Res. 541 Concerning the successful completion of the test flight phase of the space shuttle program.

DOUGHERTY, Charles F. of Pennsylvania

H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

H.R. 4286 To establish a national space and aeronautics policy, and for other purposes.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

DOWNEY, Thomas J. of New York

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

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H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

H.R. 4069 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

DREIER, David of California

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.J.Res. 541 Concerning the successful completion of the test flight phase of the space shuttle program.

H.Con.Res. 173 Expressing the sense of the Congress that the United States should embark on a program to construct a permanent manned operations center in low earth orbit within 10 years, and for other purposes.

DUNCAN, John J. of Tennessee

H.R. 1909 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.

H.R. 4697 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.

DUNN, Jim of Michigan

H.R. 3600 To amend the National Ocean Pollution Planning Act of 1978 to provide greater coordination of research efforts concerning the Great Lakes, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.Res. 202 Expressing the sense of the House of Representatives that the Administrator of the Federal Aviation Administration should submit to the Committee on Science and Technology full R&D program planning documentation with respect to the modernization and replacement of the FAA air traffic control enroute computer system.

DWYER, Bernard J. of New Jersey

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 1720 To establish a task force to identify ocean sites and the nature of radioactive wastes which were dumped into the ocean prior to 1970 and to prepare a comprehensive plan for monitoring and assessing the impacts which such wastes have had on the environment and the public health.

H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

DYMALLY, Mervyn M. of California

H.R. 3749 To advance the national prosperity and welfare, to establish a National Technology Foundation, and for other purposes.

DYMALLY, Mervyn M. of California—Continued

H.R. 3839 To establish a United States Design Council within the Department of Commerce.

H.R. 4281 Entitled: "Critical Materials Act of 1981".

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 4830 To strengthen research and development programs aimed at understanding the causes and effects of acid precipitation, and to establish a process for cooperative decisionmaking on strategies to control this environmental problem.

H.R. 5055 To provide for an accelerated study of the causes and effects of acid rain, to provide for an examination of certain acid precursor control technologies, and for other purposes.

H.R. 5254 To provide a national policy for engineering, technical, and scientific manpower, to create a national coordinating Council on Engineering and Scientific Manpower, and for other purposes.

H.R. 6245 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation and testing.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

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H.J.Res. 541 Concerning the successful completion of the test flight phase of the space shuttle program.

DYSON, Roy of Maryland

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ECKART, Dennis E. of Ohio

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H.R. 5880 To provide for an automobile research competition to produce a radically new automobile embodying high fuel economy, safety, and environmental standards, and for other purposes.

EDGAR, Robert of Pennsylvania

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

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H.R. 1993 To provide for the development of a plan for the disposal of radioactive waste and spent nuclear fuel, to require the construction of repositories in accordance with the plan, to establish a Federal policy regarding the interim storage and commercial reprocessing of spent nuclear fuel, to provide for a demonstration program for dry storage of such fuel, and for other purposes.

H.R. 2881 To establish licensed permanent repositories for transuranic waste, high-level radioactive waste, and spent fuel, and for other purposes.

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H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

EDWARDS, Don of California

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EDWARDS, Mickey of Oklahoma

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EMERSON, Bill of Missouri

H.R. 3769 To establish a Severe Storms Advisory Committee to review, on an annual basis, the severe storms research and operations activities of the Federal Government.

H.R. 6753 To establish objective criteria and procedures for closing and consolidating weather stations.

H.Con.Res. 319 Expressing the sense of Congress concerning the proposed closure of certain National Weather Service offices.

EMERY, David F. of Maine

H.R. 4286 To establish a national space and aeronautics policy, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

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ERDAHL, Arlen of Minnesota

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H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

ERTEL, Allen E. of Pennsylvania

H.R. 1720 To establish a task force to identify ocean sites and the nature of radioactive wastes which were dumped into the ocean prior to 1970 and to prepare a comprehensive plan for monitoring and assessing the impacts which such wastes have had on the environment and the public health.

H.R. 2643 To provide for the improvement of the Nation's airport and airway system, and for other purposes.

H.R. 3749 To advance the national prosperity and welfare, to establish a National Technology Foundation, and for other purposes.

H.R. 4564 To establish a uniform Federal system for management, protection, and utilization of the results of federally sponsored scientific and technological research and development; and to further the public interest of the United States domestically and abroad; and for other related purposes.

H.R. 5055 To provide for an accelerated study of the causes and effects of acid rain, to provide for an examination of certain acid precursor control technologies, and for other purposes.

H.R. 5254 To provide a national policy for engineering, technical, and scientific manpower, to create a national coordinating Council on Engineering and Scientific Manpower, and for other purposes.

H.R. 5880 To provide for an automobile research competition to produce a radically new automobile embodying high fuel economy, safety, and environmental standards, and for other purposes.

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EVANS, Billy Lee of Georgia

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

EVANS, Cooper of Iowa

H.R. 2881 To establish licensed permanent repositories for transuranic waste, high-level radioactive waste, and spent fuel, and for other purposes.

H.R. 3441 To establish a coordinated program under the direction of the Office of Science and Technology Policy for improving and facilitating the use of risk analysis by those Federal agencies concerned with scientific and technological decisions related to human life, health, and protection of the environment.

H.R. 5508 To amend the Energy Security Act to consolidate in the Department of Agriculture authority to provide financial assistance for energy projects which use wood and wood wastes and residues as feedstocks, and for other purposes.

EVANS, Thomas B., Jr. of Delaware

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

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FARY, John G. of Illinois

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FASCELL, Dante B. of Florida

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H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

FAUNTROY, Walter E. of D.C.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

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FAZIO, Vic of California

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H.J.Res. 541 Concerning the successful completion of the test flight phase of the space shuttle program.

FENWICK, Millicent of New Jersey

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FERRARO, Geraldine A. of New York

H.R. 220 To promote the development of methods of research, experimentation, and testing that minimize the use of, and pain and suffering to, live animals.

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FIEDLER, Bobbi of California

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

H.J.Res. 541 Concerning the successful completion of the test flight phase of the space shuttle program.

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FIELDS, Jack of Texas

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FINDLEY, Paul of Illinois

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FISH, Hamilton, Jr. of New York

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FITHIAN, Floyd J. of Indiana

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

FLIPPO, Ronnie G. of Alabama

H.R. 4281 Entitled: "Critical Materials Act of 1981".

H.R. 5016 To establish a Federal policy with respect to the disposal of high-level radioactive waste from civilian nuclear activities, to provide for the construction, operation, and maintenance of waste disposal facilities, to provide for a program of nuclear waste and spent fuel research and development, and for other purposes.

H.R. 5254 To provide a national policy for engineering, technical, and scientific manpower, to create a national coordinating Council on Engineering and Scientific Manpower, and for other purposes.

H.R. 6950 To establish a National High-Technology Technician Training Program, utilizing the resources of the Nation's two-year community colleges to contribute to the economic strength of the United States by creating a pool of skilled technicians in strategic high-technology fields, to increase national productivity, to improve the competitiveness of the United States in international trade, and for other purposes.

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FLORIO, James J. of New Jersey

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 1720 To establish a task force to identify ocean sites and the nature of radioactive wastes which were dumped into the ocean prior to 1970 and to prepare a comprehensive plan for monitoring and assessing the impacts which such wastes have had on the environment and the public health.

H.Con.Res. 242 Expressing the sense of Congress concerning the resignation of Ann Gorsuch from her post as Administrator of the Environmental Protection Agency.

FOGLIETTA, Thomas M. of Pennsylvania

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 3600 To amend the National Ocean Pollution Planning Act of 1978 to provide greater coordination of research efforts concerning the Great Lakes, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.Con.Res. 319 Expressing the sense of Congress concerning the proposed closure of certain National Weather Service offices.

FOLEY, Thomas S. of Washington

H.Con.Res. 319 Expressing the sense of Congress concerning the proposed closure of certain National Weather Service offices.

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FORD, Harold E. of Tennessee

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

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FORD, William D. of Michigan

H.R. 3600 To amend the National Ocean Pollution Planning Act of 1978 to provide greater coordination of research efforts concerning the Great Lakes, and for other purposes.

FORSYTHE, Edwin B. of New Jersey

H.R. 1909 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.

H.R. 3441 To establish a coordinated program under the direction of the Office of Science and Technology Policy for improving and facilitating the use of risk analysis by those Federal agencies concerned with scientific and technological decisions related to human life, health, and protection of the environment.

H.R. 3769 To establish a Severe Storms Advisory Committee to review, on an annual basis, the severe storms research and operations activities of the Federal Government.

H.R. 4281 Entitled: "Critical Materials Act of 1981".

H.R. 4286 To establish a national space and aeronautics policy, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 4697 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.

H.R. 6798 To authorize appropriations for atmospheric, climatic, and ocean pollution activities of the National Oceanic and Atmospheric Administration for the fiscal years 1983 and 1984, and for other purposes.

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

H.Con.Res. 81 Expressing the sense of the Congress that State and local governments should support the fire safety efforts of the United States Fire Administration to reduce lives and property damage lost by fire.

FOUNTAIN, L. H. of North Carolina

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

FRANK, Barney of Massachusetts

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

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H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

H.R. 6930 To establish within the National Science Foundation a Presidential Science and Engineering Young Investigators Awards Program, a Presidential Pre-College Science and Mathematics Improvement Program, and a Federal Program for University Research Facilities and Manpower Improvement, and for other purposes.

H.R. 6950 To establish a National High-Technology Technician Training Program, utilizing the resources of the Nation's two-year community colleges to contribute to the economic strength of the United States by creating a pool of skilled technicians in strategic high-technology fields, to increase national productivity, to improve the competitiveness of the United States in international trade, and for other purposes.

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FRENZEL, Bill of Minnesota

H.R. 3600 To amend the National Ocean Pollution Planning Act of 1978 to provide greater coordination of research efforts concerning the Great Lakes, and for other purposes.

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H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

FROST, Martin of Texas

H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

FUQUA, Don of Florida

H.R. 1257 To authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, and for other purposes.

H.R. 1520 To authorize appropriations for activities for the National Science Foundation for the fiscal year 1982.

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FUQUA, Don of Florida—Continued

H.R. 1908 To amend the Presidential Science and Technology Advisory Organization Act of 1976 to provide additional information to the Congress for the purpose of providing a basis for implementing multiyear research and development authorization.

H.R. 1909 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.

H.R. 3146 To authorize appropriations to the Department of Energy for civilian research and development programs and projects for fiscal year 1982, and for the continuation in fiscal year 1982 of prior year research and development projects.

H.R. 3356 To amend the Earthquake Hazards Reduction Act of 1977 and the Federal Fire Prevention and Control Act of 1974 to authorize the appropriation of funds to the Director of the Federal Emergency Management Agency to carry out the earthquake hazards reduction programs and the fire prevention and control program, and for other purposes.

H.R. 3441 To establish a coordinated program under the direction of the Office of Science and Technology Policy for improving and facilitating the use of risk analysis by those Federal agencies concerned with scientific and technological decisions related to human life, health, and protection of the environment.

H.R. 3447 To authorize appropriations to the Department of Energy for civilian programs for fiscal year 1982 and fiscal year 1983, and for other purposes.

H.R. 4281 Entitled: "Critical Materials Act of 1981".

H.R. 4564 To establish a uniform Federal system for management, protection, and utilization of the results of federally sponsored scientific and technological research and development; and to further the public interest of the United States domestically and abroad; and for other related purposes.

H.R. 4697 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.

H.R. 5016 To establish a Federal policy with respect to the disposal of high-level radioactive waste from civilian nuclear activities, to provide for the construction, operation, and maintenance of waste disposal facilities, to provide for a program of nuclear waste and spent fuel research and development, and for other purposes.

H.R. 5254 To provide a national policy for engineering, technical, and scientific manpower, to create a national coordinating Council on Engineering and Scientific Manpower, and for other purposes.

H.R. 5725 To authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal years 1983 and 1984, and for other purposes.

H.R. 5726 To authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal year 1983 and for other purposes.

H.R. 5748 National Science Foundation Authorization Act for fiscal years 1983 and 1984.

H.R. 5842 To authorize appropriations for activities of the National Science Foundation for fiscal years 1982 and 1983, and for other purposes.

H.R. 5890 To authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, and for other purposes.

H.R. 5991 To authorize appropriations for activities of the National Science Foundation for fiscal years 1982 and 1983, and for other purposes.

H.R. 6159 To establish a program under the coordination of the Office of Science and Technology Policy for improving the use of risk analysis by those Federal agencies concerned with regulatory decisions related to the protection of human life, health, and the environment.

H.R. 6193 To authorize appropriations for fiscal year 1983 for research, engineering and development, and demonstration projects relating to aviation.

H.R. 6245 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation and testing.

H.R. 6798 To authorize appropriations for atmospheric, climatic, and ocean pollution activities of the National Oceanic and Atmospheric Administration for the fiscal years 1983 and 1984, and for other purposes.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

H.R. 7130 To provide a national policy for engineering, technical, and scientific manpower, to provide for cost-sharing by the private sector in training such manpower, to create a national Coordinating Council on Engineering and Scientific Manpower, and for other purposes.

H.R. 7187 To provide for the development of repositories for the disposal of high-level radioactive waste and spent nuclear fuel, to establish a program of research, development, and demonstration regarding the disposal of high-level radioactive waste and spent nuclear fuel, and for other purposes.

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

GARCIA, Robert of New York

H.R. 1993 To provide for the development of a plan for the disposal of radioactive waste and spent nuclear fuel, to require the construction of repositories in accordance with the plan, to establish a Federal policy regarding the interim storage and commercial reprocessing of spent nuclear fuel, to provide for a demonstration program for dry storage of such fuel, and for other purposes.

H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

GAYDOS, Joseph M. of Pennsylvania

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

GEJDENSON, Sam of Connecticut

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

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H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

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GEPHARDT, Richard A. of Missouri

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GIBBONS, Sam of Florida

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H.R. 4830 To strengthen research and development programs aimed at understanding the causes and effects of acid precipitation, and to establish a process for cooperative decisionmaking on strategies to control this environmental problem.

H.Con.Res. 319 Expressing the sense of Congress concerning the proposed closure of certain National Weather Service offices.

GILMAN, Benjamin A. of New York

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

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GINGRICH, Newton Leroy of Georgia

H.R. 4286 To establish a national space and aeronautics policy, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 6656 To establish a program of presidential teaching and research fellowships in mathematics and science and a presidential precollege science and mathematics inservice teaching program, and for other purposes.

H.R. 6950 To establish a National High-Technology Technician Training Program, utilizing the resources of the Nation's two-year community colleges to contribute to the economic strength of the United States by creating a pool of skilled technicians in strategic high-technology fields, to increase national productivity, to improve the competitiveness of the United States in international trade, and for other purposes.

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

H.Con.Res. 173 Expressing the sense of the Congress that the United States should embark on a program to construct a permanent manned operations center in low earth orbit within 10 years, and for other purposes.

GINN, Bo of Georgia

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

GLICKMAN, Dan of Kansas

H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

H.R. 4281 Entitled: "Critical Materials Act of 1981".

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 5254 To provide a national policy for engineering, technical, and scientific manpower, to create a national coordinating Council on Engineering and Scientific Manpower, and for other purposes.

H.R. 5880 To provide for an automobile research competition to produce a radically new automobile embodying high fuel economy, safety, and environmental standards, and for other purposes.

H.R. 6193 To authorize appropriations for fiscal year 1983 for research, engineering and development, and demonstration projects relating to aviation.

H.Res. 202 Expressing the sense of the House of Representatives that the Administrator of the Federal Aviation Administration should submit to the Committee on Science and Technology full R&D program planning documentation with respect to the modernization and replacement of the FAA air traffic control enroute computer system.

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GOLDWATER, Barry M., Jr. of California

H.R. 1909 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.

H.R. 4697 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.

H.R. 5016 To establish a Federal policy with respect to the disposal of high-level radioactive waste from civilian nuclear activities, to provide for the construction, operation, and maintenance of waste disposal facilities, to provide for a program of nuclear waste and spent fuel research and development, and for other purposes.

H.Res. 202 Expressing the sense of the House of Representatives that the Administrator of the Federal Aviation Administration should submit to the Committee on Science and Technology full R&D program planning documentation with respect to the modernization and replacement of the FAA air traffic control enroute computer system.

GONZALEZ, Henry B. of Texas

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

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GOODLING, William F. of Pennsylvania

H.R. 1993 To provide for the development of a plan for the disposal of radioactive waste and spent nuclear fuel, to require the construction of repositories in accordance with the plan, to establish a Federal policy regarding the interim storage and commercial reprocessing of spent nuclear fuel, to provide for a demonstration program for dry storage of such fuel, and for other purposes.

H.R. 5055 To provide for an accelerated study of the causes and effects of acid rain, to provide for an examination of certain acid precursor control technologies, and for other purposes.

GORE, Albert, Jr. of Tennessee

H.R. 5016 To establish a Federal policy with respect to the disposal of high-level radioactive waste from civilian nuclear activities, to provide for the construction, operation, and maintenance of waste disposal facilities, to provide for a program of nuclear waste and spent fuel research and development, and for other purposes.

H.R. 5880 To provide for an automobile research competition to produce a radically new automobile embodying high fuel economy, safety, and environmental standards, and for other purposes.

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H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

GRAY, William H., III of Pennsylvania

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

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GREEN, S. William of New York

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

GREGG, Judd of New Hampshire

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H.R. 4830 To strengthen research and development programs aimed at understanding the causes and effects of acid precipitation, and to establish a process for cooperative decisionmaking on strategies to control this environmental problem.

H.R. 5016 To establish a Federal policy with respect to the disposal of high-level radioactive waste from civilian nuclear activities, to provide for the construction, operation, and maintenance of waste disposal facilities, to provide for a program of nuclear waste and spent fuel research and development, and for other purposes.

GRISHAM, Wayne of California

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

H.J.Res. 541 Concerning the successful completion of the test flight phase of the space shuttle program.

H.Con.Res. 173 Expressing the sense of the Congress that the United States should embark on a program to construct a permanent manned operations center in low earth orbit within 10 years, and for other purposes.

GUARINI, Frank J. of New Jersey

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GUNDERSON, Steve of Wisconsin

H.R. 4830 To strengthen research and development programs aimed at understanding the causes and effects of acid precipitation, and to establish a process for cooperative decisionmaking on strategies to control this environmental problem.

H.R. 6753 To establish objective criteria and procedures for closing and consolidating weather stations.

H.Con.Res. 319 Expressing the sense of Congress concerning the proposed closure of certain National Weather Service offices.

GUYER, Tennyson of Ohio

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

HAGEDORN, Tom of Minnesota

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HALL, Ralph M. of Texas

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H.Res. 202 Expressing the sense of the House of Representatives that the Administrator of the Federal Aviation Administration should submit to the Committee on Science and Technology full R&D program planning documentation with respect to the modernization and replacement of the FAA air traffic control enroute computer system.

HALL, Tony P. of Ohio

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HAMMERSCHMIDT, John Paul of Arkansas

H.R. 3769 To establish a Severe Storms Advisory Committee to review, on an annual basis, the severe storms research and operations activities of the Federal Government.

HANSEN, George of Idaho

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

HANSEN, James V. of Utah

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HARKIN, Tom of Iowa

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HATCHER, Charles of Georgia

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HAWKINS, Augustus F. of California

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H.J.Res. 541 Concerning the successful completion of the test flight phase of the space shuttle program.

HECKLER, Margaret M. of Massachusetts

H.R. 3263 To amend the Earthquake Hazards Reduction Act of 1977 and the Federal Fire Prevention and Control Act of 1974 to authorize the appropriation of funds to the Director of the Federal Emergency Management Agency to carry out the earthquake hazards reduction programs and the fire prevention and control program, and for other purposes.

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H.R. 6245 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation and testing.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

H.R. 6930 To establish within the National Science Foundation a Presidential Science and Engineering Young Investigators Awards Program, a Presidential Pre-College Science and Mathematics Improvement Program, and a Federal Program for University Research Facilities and Manpower Improvement, and for other purposes.

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HECKLER, Margaret M. of Massachusetts—Continued

H.R. 7130 To provide a national policy for engineering, technical, and scientific manpower, to provide for cost-sharing by the private sector in training such manpower, to create a national Coordinating Council on Engineering and Scientific Manpower, and for other purposes.

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H.Con.Res. 288 Expressing the sense of the Congress that State and local governments should support the fire safety efforts of the United States Fire Administration to reduce lives and property damage lost by fire.

HEFNER, W. G. (Bill) of North Carolina

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HEFTEL, Cecil (Cec) of Hawaii

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 1720 To establish a task force to identify ocean sites and the nature of radioactive wastes which were dumped into the ocean prior to 1970 and to prepare a comprehensive plan for monitoring and assessing the impacts which such wastes have had on the environment and the public health.

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 7424 To establish a hydrogen research and development program.

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

H.Con.Res. 319 Expressing the sense of Congress concerning the proposed closure of certain National Weather Service offices.

HENDON, Bill of North Carolina

H.R. 4830 To strengthen research and development programs aimed at understanding the causes and effects of acid precipitation, and to establish a process for cooperative decisionmaking on strategies to control this environmental problem.

HERTEL, Dennis M. of Michigan

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

H.R. 3600 To amend the National Ocean Pollution Planning Act of 1978 to provide greater coordination of research efforts concerning the Great Lakes, and for other purposes.

H.R. 5880 To provide for an automobile research competition to produce a radically new automobile embodying high fuel economy, safety, and environmental standards, and for other purposes.

H.Con.Res. 81 Expressing the sense of the Congress that State and local governments should support the fire safety efforts of the United States Fire Administration to reduce lives and property damage lost by fire.

HILER, John of Indiana

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

HOLLAND, Kenneth of South Carolina

H.R. 2881 To establish licensed permanent repositories for transuranic waste, high-level radioactive waste, and spent fuel, and for other purposes.

HOLLENBECK, Harold C. of New Jersey

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

H.R. 3749 To advance the national prosperity and welfare, to establish a National Technology Foundation, and for other purposes.

H.R. 4281 Entitled: "Critical Materials Act of 1981".

H.R. 4564 To establish a uniform Federal system for management, protection, and utilization of the results of federally sponsored scientific and technological research and development; and to further the public interest of the United States domestically and abroad; and for other related purposes.

H.R. 5254 To provide a national policy for engineering, technical, and scientific manpower, to create a national coordinating Council on Engineering and Scientific Manpower, and for other purposes.

H.R. 6245 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation and testing.

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

H.Res. 202 Expressing the sense of the House of Representatives that the Administrator of the Federal Aviation Administration should submit to the Committee on Science and Technology full R&D program planning documentation with respect to the modernization and replacement of the FAA air traffic control enroute computer system.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

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HOLT, Marjorie S. of Maryland

H.R. 5055 To provide for an accelerated study of the causes and effects of acid rain, to provide for an examination of certain acid precursor control technologies, and for other purposes.

HOPKINS, Larry J. of Kentucky

H.Con.Res. 319 Expressing the sense of Congress concerning the proposed closure of certain National Weather Service offices.

HORTON, Frank of New York

H.R. 3600 To amend the National Ocean Pollution Planning Act of 1978 to provide greater coordination of research efforts concerning the Great Lakes, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 4830 To strengthen research and development programs aimed at understanding the causes and effects of acid precipitation, and to establish a process for cooperative decisionmaking on strategies to control this environmental problem.

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H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

HOWARD, James J. of New Jersey

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 2643 To provide for the improvement of the Nation's airport and airway system, and for other purposes.

H.R. 2930 To provide for the improvement of the Nation's airport and airway system, for the modification of airport and airway user taxes, and for other purposes.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

HOYER, Steny H. of Maryland

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

HUBBARD, Carroll, Jr. of Kentucky

H.R. 6753 To establish objective criteria and procedures for closing and consolidating weather stations.

H.Con.Res. 319 Expressing the sense of Congress concerning the proposed closure of certain National Weather Service offices.

HUCKABY, Jerry of Louisiana

H.R. 7187 To provide for the development of repositories for the disposal of high-level radioactive waste and spent nuclear fuel, to establish a program of research, development, and demonstration regarding the disposal of high-level radioactive waste and spent nuclear fuel, and for other purposes.

H.Con.Res. 173 Expressing the sense of the Congress that the United States should embark on a program to construct a permanent manned operations center in low earth orbit within 10 years, and for other purposes.

HUGHES, William J. of New Jersey

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 1720 To establish a task force to identify ocean sites and the nature of radioactive wastes which were dumped into the ocean prior to 1970 and to prepare a comprehensive plan for monitoring and assessing the impacts which such wastes have had on the environment and the public health.

H.R. 3600 To amend the National Ocean Pollution Planning Act of 1978 to provide greater coordination of research efforts concerning the Great Lakes, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 4564 To establish a uniform Federal system for management, protection, and utilization of the results of federally sponsored scientific and technological research and development; and to further the public interest of the United States domestically and abroad; and for other related purposes.

H.R. 4830 To strengthen research and development programs aimed at understanding the causes and effects of acid precipitation, and to establish a process for cooperative decisionmaking on strategies to control this environmental problem.

H.R. 6753 To establish objective criteria and procedures for closing and consolidating weather stations.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

HUTTO, Earl Dewitt of Florida

H.R. 3769 To establish a Severe Storms Advisory Committee to review, on an annual basis, the severe storms research and operations activities of the Federal Government.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

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HYDE, Henry J. of Illinois

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

IRELAND, Andy of Florida

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 2924 To amend section 312(c) of the Federal Aviation Act of 1958, relating to research and development, to require the Secretary of Transportation to assure the development of a collision avoidance system for use on all civil and military aircraft of the United States in the interest of air safety.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

JACOBS, Andrew, Jr. of Indiana

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 6245 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation and testing.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

JEFFORDS, James M. of Vermont

H.R. 1720 To establish a task force to identify ocean sites and the nature of radioactive wastes which were dumped into the ocean prior to 1970 and to prepare a comprehensive plan for monitoring and assessing the impacts which such wastes have had on the environment and the public health.

H.R. 2216 To establish a National Energy Trust Fund, and to provide for the use of such Fund by the Secretary of Energy in conducting and supporting research, development, and demonstrations designed to develop alternative energy sources.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 5508 To amend the Energy Security Act to consolidate in the Department of Agriculture authority to provide financial assistance for energy projects which use wood and wood wastes and residues as feedstocks, and for other purposes.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

JEFFRIES, Jim of Kansas

H.R. 1660 To repeal the Metric Conversion Act of 1975 (89 Stat. 1007; 15 U.S.C. 205a et seq.).

H.R. 4286 To establish a national space and aeronautics policy, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

H.Con.Res. 173 Expressing the sense of the Congress that the United States should embark on a program to construct a permanent manned operations center in low earth orbit within 10 years, and for other purposes.

JENKINS, Ed of Georgia

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

JONES, James R. of Oklahoma

H.R. 3964 To provide for reconciliation pursuant to section 301 of the First Concurrent Resolution on the Budget for the fiscal year 1982.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

JONES, Walter B. of North Carolina

H.R. 6798 To authorize appropriations for atmospheric, climatic, and ocean pollution activities of the National Oceanic and Atmospheric Administration for the fiscal years 1983 and 1984, and for other purposes.

KASTENMEIER, Robert W. of Wisconsin

H.R. 509 To establish a Federal Oil and Gas Corporation.

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

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KEMP, Jack F. of New York

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

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H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

KENNELLY, Barbara B. of Connecticut

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

KILDEE, Dale E. of Michigan

H.R. 3600 To amend the National Ocean Pollution Planning Act of 1978 to provide greater coordination of research efforts concerning the Great Lakes, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 6753 To establish objective criteria and procedures for closing and consolidating weather stations.

H.Con.Res. 319 Expressing the sense of Congress concerning the proposed closure of certain National Weather Service offices.

KOGOVSEK, Ray of Colorado

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 5055 To provide for an accelerated study of the causes and effects of acid rain, to provide for an examination of certain acid precursor control technologies, and for other purposes.

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H.Con.Res. 319 Expressing the sense of Congress concerning the proposed closure of certain National Weather Service offices.

KRAMER, Ken of Colorado

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

H.Con.Res. 173 Expressing the sense of the Congress that the United States should embark on a program to construct a permanent manned operations center in low earth orbit within 10 years, and for other purposes.

LaFALCE, John J. of New York

H.R. 1720 To establish a task force to identify ocean sites and the nature of radioactive wastes which were dumped into the ocean prior to 1970 and to prepare a comprehensive plan for monitoring and assessing the impacts which such wastes have had on the environment and the public health.

H.R. 3600 To amend the National Ocean Pollution Planning Act of 1978 to provide greater coordination of research efforts concerning the Great Lakes, and for other purposes.

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H.R. 4564 To establish a uniform Federal system for management, protection, and utilization of the results of federally sponsored scientific and technological research and development; and to further the public interest of the United States domestically and abroad; and for other related purposes.

H.R. 6950 To establish a National High-Technology Technician Training Program, utilizing the resources of the Nation's two-year community colleges to contribute to the economic strength of the United States by creating a pool of skilled technicians in strategic high-technology fields, to increase national productivity, to improve the competitiveness of the United States in international trade, and for other purposes.

LAGOMARSINO, Robert J. of California

H.R. 29 To require the Secretary of Commerce to undertake a study to determine the effects of certain past ocean dumping of radioactive wastes.

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 1909 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.

H.R. 3769 To establish a Severe Storms Advisory Committee to review, on an annual basis, the severe storms research and operations activities of the Federal Government.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 6753 To establish objective criteria and procedures for closing and consolidating weather stations.

H.J.Res. 541 Concerning the successful completion of the test flight phase of the space shuttle program.

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H.Con.Res. 319 Expressing the sense of Congress concerning the proposed closure of certain National Weather Service offices.

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LANTOS, Tom of California

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H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

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H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

H.J.Res. 541 Concerning the successful completion of the test flight phase of the space shuttle program.

LEACH, Jim of Iowa

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 4830 To strengthen research and development programs aimed at understanding the causes and effects of acid precipitation, and to establish a process for cooperative decisionmaking on strategies to control this environmental problem.

LEATH, Marvin of Texas

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

LeBOUTILLIER, John of New York

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

LEE, Garry A. of New York

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 5880 To provide for an automobile research competition to produce a radically new automobile embodying high fuel economy, safety, and environmental standards, and for other purposes.

LEHMAN, William of Florida

H.R. 4281 Entitled: "Critical Materials Act of 1981".

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

LENT, Norman F. of New York

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

LEVITAS, Elliott H. of Georgia

H.R. 2643 To provide for the improvement of the Nation's airport and airway system, and for other purposes.

LEWIS, Jerry of California

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.J.Res. 541 Concerning the successful completion of the test flight phase of the space shuttle program.

H.Con.Res. 319 Expressing the sense of Congress concerning the proposed closure of certain National Weather Service offices.

LIVINGSTON, Bob of Louisiana

H.R. 3769 To establish a Severe Storms Advisory Committee to review, on an annual basis, the severe storms research and operations activities of the Federal Government.

LONG, Clarence D. of Maryland

H.R. 1720 To establish a task force to identify ocean sites and the nature of radioactive wastes which were dumped into the ocean prior to 1970 and to prepare a comprehensive plan for monitoring and assessing the impacts which such wastes have had on the environment and the public health.

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

LONG, Gillis W. of Louisiana

H.R. 6753 To establish objective criteria and procedures for closing and consolidating weather stations.

H.Con.Res. 319 Expressing the sense of Congress concerning the proposed closure of certain National Weather Service offices.

LOTT, Trent of Mississippi

H.R. 1660 To repeal the Metric Conversion Act of 1975 (89 Stat. 1007; 15 U.S.C. 205a et seq.).

H.R. 2881 To establish licensed permanent repositories for transuranic waste, high-level radioactive waste, and spent fuel, and for other purposes.

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LOWERY, Bill of California

H.R. 1909 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.
H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.
H.R. 4697 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.
H.R. 5016 To establish a Federal policy with respect to the disposal of high-level radioactive waste from civilian nuclear activities, to provide for the construction, operation, and maintenance of waste disposal facilities, to provide for a program of nuclear waste and spent fuel research and development, and for other purposes.
H.R. 6159 To establish a program under the coordination of the Office of Science and Technology Policy for improving the use of risk analysis by those Federal agencies concerned with regulatory decisions related to the protection of human life, health, and the environment.
H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.
H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.
H.J.Res. 541 Concerning the successful completion of the test flight phase of the space shuttle program.

LOWRY, Mike of Washington

H.R. 1720 To establish a task force to identify ocean sites and the nature of radioactive wastes which were dumped into the ocean prior to 1970 and to prepare a comprehensive plan for monitoring and assessing the impacts which such wastes have had on the environment and the public health.
H.R. 3600 To amend the National Ocean Pollution Planning Act of 1978 to provide greater coordination of research efforts concerning the Great Lakes, and for other purposes.

LUJAN, Manuel, Jr. of New Mexico

H.R. 1909 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.
H.R. 3378 To establish a uranium enrichment fund.
H.R. 4223 To establish a Nuclear Fuel Management Corporation.
H.R. 4281 Entitled: "Critical Materials Act of 1981".
H.R. 4697 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.
H.R. 5016 To establish a Federal policy with respect to the disposal of high-level radioactive waste from civilian nuclear activities, to provide for the construction, operation, and maintenance of waste disposal facilities, to provide for a program of nuclear waste and spent fuel research and development, and for other purposes.
H.R. 5254 To provide a national policy for engineering, technical, and scientific manpower, to create a national coordinating Council on Engineering and Scientific Manpower, and for other purposes.
H.R. 5880 To provide for an automobile research competition to produce a radically new automobile embodying high fuel economy, safety, and environmental standards, and for other purposes.
H.R. 7187 To provide for the development of repositories for the disposal of high-level radioactive waste and spent nuclear fuel, to establish a program of research, development, and demonstration regarding the disposal of high-level radioactive waste and spent nuclear fuel, and for other purposes.
H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.
H.Con.Res. 319 Expressing the sense of Congress concerning the proposed closure of certain National Weather Service offices.

LUKEN, Thomas A. of Ohio

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.
H.R. 2777 To amend the Flammable Fabrics Act to require the Secretary of Commerce to study the necessity and feasibility of establishing Federal standards relating to fire prevention and control, and for other purposes.
H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

LUNDINE, Stanley N. of New York

H.R. 1993 To provide for the development of a plan for the disposal of radioactive waste and spent nuclear fuel, to require the construction of repositories in accordance with the plan, to establish a Federal policy regarding the interim storage and commercial reprocessing of spent nuclear fuel, to provide for a demonstration program for dry storage of such fuel, and for other purposes.
H.R. 3600 To amend the National Ocean Pollution Planning Act of 1978 to provide greater coordination of research efforts concerning the Great Lakes, and for other purposes.
H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.
H.R. 5016 To establish a Federal policy with respect to the disposal of high-level radioactive waste from civilian nuclear activities, to provide for the construction, operation, and maintenance of waste disposal facilities, to provide for a program of nuclear waste and spent fuel research and development, and for other purposes.
H.R. 6245 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation and testing.
H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.
H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

LUNGREN, Dan of California

H.J.Res. 541 Concerning the successful completion of the test flight phase of the space shuttle program.

McCLOSKEY, Paul N. Jr. of California

H.J.Res. 541 Concerning the successful completion of the test flight phase of the space shuttle program.

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McCOLLUM, Bill of Florida

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H.R. 6753 To establish objective criteria and procedures for closing and consolidating weather stations.

McCURDY, Dave of Oklahoma

H.R. 4281 Entitled: "Critical Materials Act of 1981".

H.R. 5254 To provide a national policy for engineering, technical, and scientific manpower, to create a national coordinating Council on Engineering and Scientific Manpower, and for other purposes.

H.R. 6950 To establish a National High-Technology Technician Training Program, utilizing the resources of the Nation's two-year community colleges to contribute to the economic strength of the United States by creating a pool of skilled technicians in strategic high-technology fields, to increase national productivity, to improve the competitiveness of the United States in international trade, and for other purposes.

McDADE, Joseph M. of Pennsylvania

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 6753 To establish objective criteria and procedures for closing and consolidating weather stations.

H.R. 6950 To establish a National High-Technology Technician Training Program, utilizing the resources of the Nation's two-year community colleges to contribute to the economic strength of the United States by creating a pool of skilled technicians in strategic high-technology fields, to increase national productivity, to improve the competitiveness of the United States in international trade, and for other purposes.

McDONALD, Larry of Georgia

H.R. 1660 To repeal the Metric Conversion Act of 1975 (89 Stat. 1007; 15 U.S.C. 205a et seq.).

McEWEN, Bob of Ohio

H.R. 2144 To establish a uranium enrichment fund.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

McGRATH, Raymond J. of New York

H.R. 4830 To strengthen research and development programs aimed at understanding the causes and effects of acid precipitation, and to establish a process for cooperative decisionmaking on strategies to control this environmental problem.

H.R. 5254 To provide a national policy for engineering, technical, and scientific manpower, to create a national coordinating Council on Engineering and Scientific Manpower, and for other purposes.

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

McHUGH, Matthew F. of New York

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

McKINNEY, Stewart B. of Connecticut

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

MADIGAN, Edward R. of Illinois

H.R. 1660 To repeal the Metric Conversion Act of 1975 (89 Stat. 1007; 15 U.S.C. 205a et seq.).

H.R. 3769 To establish a Severe Storms Advisory Committee to review, on an annual basis, the severe storms research and operations activities of the Federal Government.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

MARKEY, Edward J. of Massachusetts

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 5880 To provide for an automobile research competition to produce a radically new automobile embodying high fuel economy, safety, and environmental standards, and for other purposes.

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

MARKEY, Edward J. of Massachusetts—Continued

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

MARKS, Marc L. of Pennsylvania

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

MARLENEE, Ron of Montana

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

MARRIOTT, Dan of Utah

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 5055 To provide for an accelerated study of the causes and effects of acid rain, to provide for an examination of certain acid precursor control technologies, and for other purposes.

H.R. 6753 To establish objective criteria and procedures for closing and consolidating weather stations.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

MARTIN, David of New York

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

MARTIN, James G. of North Carolina

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

MARTIN, Lynn of Illinois

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

MATSUI, Robert T. of California

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

H.J.Res. 541 Concerning the successful completion of the test flight phase of the space shuttle program.

MATTOX, Jim of Texas

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

MAVROULES, Nicholas of Massachusetts

H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

MAZZOLI, Romano L. of Kentucky

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

MICA, Dan of Florida

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

MIKULSKI, Barbara A. of Maryland

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 1993 To provide for the development of a plan for the disposal of radioactive waste and spent nuclear fuel, to require the construction of repositories in accordance with the plan, to establish a Federal policy regarding the interim storage and commercial reprocessing of spent nuclear fuel, to provide for a demonstration program for dry storage of such fuel, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

H.Con.Res. 81 Expressing the sense of the Congress that State and local governments should support the fire safety efforts of the United States Fire Administration to reduce lives and property damage lost by fire.

MILLER, George of California

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

H.J.Res. 541 Concerning the successful completion of the test flight phase of the space shuttle program.

MINETA, Norman Y. of California

H.R. 29 To require the Secretary of Commerce to undertake a study to determine the effects of certain past ocean dumping of radioactive wastes.

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 1720 To establish a task force to identify ocean sites and the nature of radioactive wastes which were dumped into the ocean prior to 1970 and to prepare a comprehensive plan for monitoring and assessing the impacts which such wastes have had on the environment and the public health.

H.R. 2643 To provide for the improvement of the Nation's airport and airway system, and for other purposes.

H.R. 2930 To provide for the improvement of the Nation's airport and airway system, for the modification of airport and airway user taxes, and for other purposes.

H.R. 4830 To strengthen research and development programs aimed at understanding the causes and effects of acid precipitation, and to establish a process for cooperative decisionmaking on strategies to control this environmental problem.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

H.J.Res. 541 Concerning the successful completion of the test flight phase of the space shuttle program.

H.Con.Res. 81 Expressing the sense of the Congress that State and local governments should support the fire safety efforts of the United States Fire Administration to reduce lives and property damage lost by fire.

MINISH, Joseph G. of New Jersey

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 1421 To establish an Energy Company of America, and for other purposes.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

MITCHELL, Donald J. of New York

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 1745 To provide financial aid to local fire departments in the purchase of advanced firefighting equipment.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 4830 To strengthen research and development programs aimed at understanding the causes and effects of acid precipitation, and to establish a process for cooperative decisionmaking on strategies to control this environmental problem.

MITCHELL, Donald J. of New York—Continued

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

MITCHELL, Parren J. of Maryland

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 1993 To provide for the development of a plan for the disposal of radioactive waste and spent nuclear fuel, to require the construction of repositories in accordance with the plan, to establish a Federal policy regarding the interim storage and commercial reprocessing of spent nuclear fuel, to provide for a demonstration program for dry storage of such fuel, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 4712 To establish a Federal Oil and Gas Development Corporation to provide for the exploration for and extraction of oil and gas located on and under Federal land.

H.R. 4830 To strengthen research and development programs aimed at understanding the causes and effects of acid precipitation, and to establish a process for cooperative decisionmaking on strategies to control this environmental problem.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

H.R. 6930 To establish within the National Science Foundation a Presidential Science and Engineering Young Investigators Awards Program, a Presidential Pre-College Science and Mathematics Improvement Program, and a Federal Program for University Research Facilities and Manpower Improvement, and for other purposes.

H.R. 6950 To establish a National High-Technology Technician Training Program, utilizing the resources of the Nation's two-year community colleges to contribute to the economic strength of the United States by creating a pool of skilled technicians in strategic high-technology fields, to increase national productivity, to improve the competitiveness of the United States in international trade, and for other purposes.

MOAKLEY, Joe of Massachusetts

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

MOFFETT, Anthony Toby of Connecticut

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

MOLINARI, Guy of New York

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 4830 To strengthen research and development programs aimed at understanding the causes and effects of acid precipitation, and to establish a process for cooperative decisionmaking on strategies to control this environmental problem.

MOLLOHAN, Robert H. of West Virginia

H.R. 1660 To repeal the Metric Conversion Act of 1975 (89 Stat. 1007; 15 U.S.C. 205a et seq.).

H.R. 5055 To provide for an accelerated study of the causes and effects of acid rain, to provide for an examination of certain acid precursor control technologies, and for other purposes.

H.Con.Res. 319 Expressing the sense of Congress concerning the proposed closure of certain National Weather Service offices.

MONTGOMERY, G. V. (Sonny) of Mississippi

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 6753 To establish objective criteria and procedures for closing and consolidating weather stations.

MOORHEAD, Carlos J. of California

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 7187 To provide for the development of repositories for the disposal of high-level radioactive waste and spent nuclear fuel, to establish a program of research, development, and demonstration regarding the disposal of high-level radioactive waste and spent nuclear fuel, and for other purposes.

H.J.Res. 541 Concerning the successful completion of the test flight phase of the space shuttle program.

MORRISON, Sid of Washington

H.R. 1909 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.

H.R. 4697 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.

MORRISON, Sid of Washington—Continued

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

H.Con.Res. 319 Expressing the sense of Congress concerning the proposed closure of certain National Weather Service offices.

MOTTL, Ronald M. of Ohio

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 1660 To repeal the Metric Conversion Act of 1975 (89 Stat. 1007; 15 U.S.C. 205a et seq.).

H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

H.R. 3877 To amend the Energy Policy and Conservation Act to provide for adequate supplies of helium for future energy efficiency and conservation purposes, and for other purposes.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

MURPHY, Austin J. of Pennsylvania

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 1720 To establish a task force to identify ocean sites and the nature of radioactive wastes which were dumped into the ocean prior to 1970 and to prepare a comprehensive plan for monitoring and assessing the impacts which such wastes have had on the environment and the public health.

H.R. 2881 To establish licensed permanent repositories for transuranic waste, high-level radioactive waste, and spent fuel, and for other purposes.

H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

H.R. 3769 To establish a Severe Storms Advisory Committee to review, on an annual basis, the severe storms research and operations activities of the Federal Government.

H.R. 4286 To establish a national space and aeronautics policy, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 4564 To establish a uniform Federal system for management, protection, and utilization of the results of federally sponsored scientific and technological research and development; and to further the public interest of the United States domestically and abroad; and for other related purposes.

H.R. 5055 To provide for an accelerated study of the causes and effects of acid rain, to provide for an examination of certain acid precursor control technologies, and for other purposes.

H.R. 5880 To provide for an automobile research competition to produce a radically new automobile embodying high fuel economy, safety, and environmental standards, and for other purposes.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

MURTHA, John P. of Pennsylvania

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 5055 To provide for an accelerated study of the causes and effects of acid rain, to provide for an examination of certain acid precursor control technologies, and for other purposes.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

MYERS, John T. of Indiana

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

NEAL, Stephen L. of North Carolina

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 2881 To establish licensed permanent repositories for transuranic waste, high-level radioactive waste, and spent fuel, and for other purposes.

H.R. 3038 To protect the interests of consumers and provide information to consumers regarding the effective use of smoke detectors through the establishment of smoke detector placement demonstration projects, to require the Consumer Product Safety Commission to take into account the results of such projects in connection with the promulgation of certain consumer product safety standards, and for other purposes.

H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

NEAL, Stephen L. of North Carolina—Continued

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

NELLIGAN, James L. of Pennsylvania

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.Con.Res. 38 Pertaining to the methods used on animals in research.

NELSON, Bill of Florida

H.R. 2643 To provide for the improvement of the Nation's airport and airway system, and for other purposes.

H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

NOWAK, Henry J. of New York

H.R. 2643 To provide for the improvement of the Nation's airport and airway system, and for other purposes.

H.R. 3600 To amend the National Ocean Pollution Planning Act of 1978 to provide greater coordination of research efforts concerning the Great Lakes, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

OAKAR, Mary Rose of Ohio

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

H.Con.Res. 319 Expressing the sense of Congress concerning the proposed closure of certain National Weather Service offices.

OBERSTAR, James L. of Minnesota

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 1720 To establish a task force to identify ocean sites and the nature of radioactive wastes which were dumped into the ocean prior to 1970 and to prepare a comprehensive plan for monitoring and assessing the impacts which such wastes have had on the environment and the public health.

H.R. 2643 To provide for the improvement of the Nation's airport and airway system, and for other purposes.

H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 4712 To establish a Federal Oil and Gas Development Corporation to provide for the exploration for and extraction of oil and gas located on and under Federal land.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

OTTINGER, Richard L. of New York

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 1720 To establish a task force to identify ocean sites and the nature of radioactive wastes which were dumped into the ocean prior to 1970 and to prepare a comprehensive plan for monitoring and assessing the impacts which such wastes have had on the environment and the public health.

H.R. 3002 To authorize appropriations to the Department of Energy for civilian programs for fiscal year 1982.

H.R. 3877 To amend the Energy Policy and Conservation Act to provide for adequate supplies of helium for future energy efficiency and conservation purposes, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 6753 To establish objective criteria and procedures for closing and consolidating weather stations.

H.R. 7187 To provide for the development of repositories for the disposal of high-level radioactive waste and spent nuclear fuel, to establish a program of research, development, and demonstration regarding the disposal of high-level radioactive waste and spent nuclear fuel, and for other purposes.

H.Con.Res. 81 Expressing the sense of the Congress that State and local governments should support the fire safety efforts of the United States Fire Administration to reduce lives and property damage lost by fire.

H.Con.Res. 319 Expressing the sense of Congress concerning the proposed closure of certain National Weather Service offices.

OXLEY, Michael G. of Ohio

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

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H.R. 6753 To establish objective criteria and procedures for closing and consolidating weather stations.

PANETTA, Leon E. of California

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

H.J.Res. 541 Concerning the successful completion of the test flight phase of the space shuttle program.

PASHAYAN, Charles, Jr. of California

H.R. 6351 To authorize and direct the Secretary of Agriculture to provide agricultural weather (including fruit-frost) and fire weather services, and for other purposes.

H.J.Res. 541 Concerning the successful completion of the test flight phase of the space shuttle program.

H.Con.Res. 319 Expressing the sense of Congress concerning the proposed closure of certain National Weather Service offices.

PATTERSON, Jerry M. of California

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

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H.J.Res. 541 Concerning the successful completion of the test flight phase of the space shuttle program.

H.Con.Res. 242 Expressing the sense of Congress concerning the resignation of Ann Gorsuch from her post as Administrator of the Environmental Protection Agency.

PEASE, Donald J. of Ohio

H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

H.R. 6950 To establish a National High-Technology Technician Training Program, utilizing the resources of the Nation's two-year community colleges to contribute to the economic strength of the United States by creating a pool of skilled technicians in strategic high-technology fields, to increase national productivity, to improve the competitiveness of the United States in international trade, and for other purposes.

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

PEPPER, Claude of Florida

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

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H.R. 6753 To establish objective criteria and procedures for closing and consolidating weather stations.

H.R. 6930 To establish within the National Science Foundation a Presidential Science and Engineering Young Investigators Awards Program, a Presidential Pre-College Science and Mathematics Improvement Program, and a Federal Program for University Research Facilities and Manpower Improvement, and for other purposes.

H.R. 6950 To establish a National High-Technology Technician Training Program, utilizing the resources of the Nation's two-year community colleges to contribute to the economic strength of the United States by creating a pool of skilled technicians in strategic high-technology fields, to increase national productivity, to improve the competitiveness of the United States in international trade, and for other purposes.

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PERKINS, Carl D. of Kentucky

H.R. 5055 To provide for an accelerated study of the causes and effects of acid rain, to provide for an examination of certain acid precursor control technologies, and for other purposes.

PORTER, John Edward of Illinois

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PORTER, John Edward of Illinois—Continued

H.R. 638 To establish the National Science Council to decide questions of scientific fact which arise in agency adjudications involving restricting the use of certain substances which are primarily used in food production, processing, or marketing and which may be harmful to human health, and for other purposes.

H.R. 2924 To amend section 312(c) of the Federal Aviation Act of 1958, relating to research and development, to require the Secretary of Transportation to assure the development of a collision avoidance system for use on all civil and military aircraft of the United States in the interest of air safety.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

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PRICE, Melvin of Illinois

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PRITCHARD, Joel of Washington

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 6798 To authorize appropriations for atmospheric, climatic, and ocean pollution activities of the National Oceanic and Atmospheric Administration for the fiscal years 1983 and 1984, and for other purposes.

H.R. 6950 To establish a National High-Technology Technician Training Program, utilizing the resources of the Nation's two-year community colleges to contribute to the economic strength of the United States by creating a pool of skilled technicians in strategic high-technology fields, to increase national productivity, to improve the competitiveness of the United States in international trade, and for other purposes.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

PURSELL, Carl D. of Michigan

H.R. 2216 To establish a National Energy Trust Fund, and to provide for the use of such Fund by the Secretary of Energy in conducting and supporting research, development, and demonstrations designed to develop alternative energy sources.

QUILLEN, James H. (Jimmy) of Tennessee

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

RAHALL, Nick Joe, II of West Virginia

H.R. 2643 To provide for the improvement of the Nation's airport and airway system, and for other purposes.

H.R. 4281 Entitled: "Critical Materials Act of 1981".

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 5055 To provide for an accelerated study of the causes and effects of acid rain, to provide for an examination of certain acid precursor control technologies, and for other purposes.

RAILSBACK, Tom of Illinois

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RANGEL, Charles B. of New York

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RATCHFORD, William R. of Connecticut

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REGULA, Ralph of Ohio

H.R. 5055 To provide for an accelerated study of the causes and effects of acid rain, to provide for an examination of certain acid precursor control technologies, and for other purposes.

REUSS, Henry S. of Wisconsin

H.R. 6605 To amend the Internal Revenue Code of 1954 to discourage large corporate acquisitions and to encourage small business.

RHODES, John J. of Arizona

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

H.Con.Res. 173 Expressing the sense of the Congress that the United States should embark on a program to construct a permanent manned operations center in low earth orbit within 10 years, and for other purposes.

RICHMOND, Frederick W. of New York

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

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RINALDO, Matthew J. of New Jersey

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H.R. 1720 To establish a task force to identify ocean sites and the nature of radioactive wastes which were dumped into the ocean prior to 1970 and to prepare a comprehensive plan for monitoring and assessing the impacts which such wastes have had on the environment and the public health.

H.R. 3038 To protect the interests of consumers and provide information to consumers regarding the effective use of smoke detectors through the establishment of smoke detector placement demonstration projects, to require the Consumer Product Safety Commission to take into account the results of such projects in connection with the promulgation of certain consumer product safety standards, and for other purposes.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

RITTER, Donald Lawrence of Pennsylvania

H.R. 3441 To establish a coordinated program under the direction of the Office of Science and Technology Policy for improving and facilitating the use of risk analysis by those Federal agencies concerned with scientific and technological decisions related to human life, health, and protection of the environment.

H.R. 4281 Entitled: "Critical Materials Act of 1981".

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 6159 To establish a program under the coordination of the Office of Science and Technology Policy for improving the use of risk analysis by those Federal agencies concerned with regulatory decisions related to the protection of human life, health, and the environment.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

ROBERTS, Clint of South Dakota

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 6753 To establish objective criteria and procedures for closing and consolidating weather stations.

H.Con.Res. 319 Expressing the sense of Congress concerning the proposed closure of certain National Weather Service offices.

ROBERTS, Pat of Kansas

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

RODINO, Peter W., Jr. of New Jersey

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H.Con.Res. 242 Expressing the sense of Congress concerning the resignation of Ann Gorsuch from her post as Administrator of the Environmental Protection Agency.

ROE, Robert A. of New Jersey

H.R. 493 To stimulate research and development aimed at the production of gasohol as an alternative energy source by establishing national demonstration facilities for the conversion of garbage and other solid wastes into fuels, to be constructed by the Secretary of Energy under the Federal Nonnuclear Energy Research and Development Act of 1974.

H.R. 495 To provide for an accelerated program of wind energy research, development, and demonstration, to be carried out by the Department of Energy with the support of the National Aeronautics and Space Administration and other Federal agencies.

H.R. 497 To provide for a research, development, and evaluation program to determine the feasibility of collecting in space solar energy to be transmitted to Earth and to generate electricity for domestic purposes.

H.R. 547 To establish a program to promote the utilization of spinoffs from space technology in meeting the needs and alleviating the suffering of the elderly.

H.R. 555 To provide for an accelerated program for the recovery of energy from municipal wastes, and for other purposes.

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 564 To establish a Space Industrialization Corporation to promote, encourage, and assist in the development of new products, processes, and industries using the properties of the space environment.

H.R. 1720 To establish a task force to identify ocean sites and the nature of radioactive wastes which were dumped into the ocean prior to 1970 and to prepare a comprehensive plan for monitoring and assessing the impacts which such wastes have had on the environment and the public health.

H.R. 1909 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.

H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

H.R. 4281 Entitled: "Critical Materials Act of 1981".

H.R. 4286 To establish a national space and aeronautics policy, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 4697 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.

H.R. 4830 To strengthen research and development programs aimed at understanding the causes and effects of acid precipitation, and to establish a process for cooperative decisionmaking on strategies to control this environmental problem.

H.R. 5016 To establish a Federal policy with respect to the disposal of high-level radioactive waste from civilian nuclear activities, to provide for the construction, operation, and maintenance of waste disposal facilities, to provide for a program of nuclear waste and spent fuel research and development, and for other purposes.

H.R. 5254 To provide a national policy for engineering, technical, and scientific manpower, to create a national coordinating Council on Engineering and Scientific Manpower, and for other purposes.

H.R. 6245 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation and testing.

H.R. 6753 To establish objective criteria and procedures for closing and consolidating weather stations.

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H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

ROEMER, Buddy of Louisiana

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H.R. 5055 To provide for an accelerated study of the causes and effects of acid rain, to provide for an examination of certain acid precursor control technologies, and for other purposes.

ROGERS, Harold of Kentucky

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ROSE, Charles of North Carolina

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H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 2881 To establish licensed permanent repositories for transuranic waste, high-level radioactive waste, and spent fuel, and for other purposes.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

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H.R. 4712 To establish a Federal Oil and Gas Development Corporation to provide for the exploration for and extraction of oil and gas located on and under Federal land.

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H.R. 5880 To provide for an automobile research competition to produce a radically new automobile embodying high fuel economy, safety, and environmental standards, and for other purposes.

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H.R. 1660 To repeal the Metric Conversion Act of 1975 (89 Stat. 1007; 15 U.S.C. 205a et seq.).

H.R. 4281 Entitled: "Critical Materials Act of 1981".

H.R. 4830 To strengthen research and development programs aimed at understanding the causes and effects of acid precipitation, and to establish a process for cooperative decisionmaking on strategies to control this environmental problem.

RUSSO, Martin A. of Illinois

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SANTINI, Jim of Nevada

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H.R. 6007 To declare a national weather modification policy, to establish a national program of research and development in weather modification, to test and verify the safety and efficacy of weather modification techniques, to improve the technical base and standards for the private weather modification industry, to provide for the reporting of weather modification activities, and for related purposes.

H.R. 6753 To establish objective criteria and procedures for closing and consolidating weather stations.

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

SAVAGE, Gus of Illinois

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SAWYER, Harold S. of Michigan

H.R. 2216 To establish a National Energy Trust Fund, and to provide for the use of such Fund by the Secretary of Energy in conducting and supporting research, development, and demonstrations designed to develop alternative energy sources.

H.R. 3600 To amend the National Ocean Pollution Planning Act of 1978 to provide greater coordination of research efforts concerning the Great Lakes, and for other purposes.

SCHEUER, James H. of New York

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H.R. 2804 To authorize appropriations for environmental research, development, and demonstrations for fiscal year 1982, and for other purposes.

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H.R. 3115 To authorize appropriations for environmental research, development, and demonstrations for the fiscal year 1982, and for other purposes.

H.R. 3600 To amend the National Ocean Pollution Planning Act of 1978 to provide greater coordination of research efforts concerning the Great Lakes, and for other purposes.

H.R. 3769 To establish a Severe Storms Advisory Committee to review, on an annual basis, the severe storms research and operations activities of the Federal Government.

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H.R. 5401 To amend the National Climate Program Act to authorize appropriations for such Act for fiscal years 1983 and 1984 and for other purposes.

H.R. 6007 To declare a national weather modification policy, to establish a national program of research and development in weather modification, to test and verify the safety and efficacy of weather modification techniques, to improve the technical base and standards for the private weather modification industry, to provide for the reporting of weather modification activities, and for related purposes.

H.R. 6289 To provide for the establishment of a Federal program of research and development with respect to indoor air pollution.

H.R. 6323 To authorize appropriations for environmental research, development, and demonstration for the fiscal years 1983 and 1984, and for other purposes.

H.R. 6324 To authorize appropriations for atmospheric, climatic, and ocean pollution activities of the National Oceanic and Atmospheric Administration for the fiscal years 1983 and 1984, and for other purposes.

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H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

SCHNEIDER, Claudine of Rhode Island

H.R. 3600 To amend the National Ocean Pollution Planning Act of 1978 to provide greater coordination of research efforts concerning the Great Lakes, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 4830 To strengthen research and development programs aimed at understanding the causes and effects of acid precipitation, and to establish a process for cooperative decisionmaking on strategies to control this environmental problem.

H.R. 5254 To provide a national policy for engineering, technical, and scientific manpower, to create a national coordinating Council on Engineering and Scientific Manpower, and for other purposes.

H.R. 5880 To provide for an automobile research competition to produce a radically new automobile embodying high fuel economy, safety, and environmental standards, and for other purposes.

H.R. 6289 To provide for the establishment of a Federal program of research and development with respect to indoor air pollution.

H.R. 6323 To authorize appropriations for environmental research, development, and demonstration for the fiscal years 1983 and 1984, and for other purposes.

H.R. 6324 To authorize appropriations for atmospheric, climatic, and ocean pollution activities of the National Oceanic and Atmospheric Administration for the fiscal years 1983 and 1984, and for other purposes.

H.R. 6798 To authorize appropriations for atmospheric, climatic, and ocean pollution activities of the National Oceanic and Atmospheric Administration for the fiscal years 1983 and 1984, and for other purposes.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

H.R. 6930 To establish within the National Science Foundation a Presidential Science and Engineering Young Investigators Awards Program, a Presidential Pre-College Science and Mathematics Improvement Program, and a Federal Program for University Research Facilities and Manpower Improvement, and for other purposes.

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

SCHROEDER, Patricia of Colorado

H.R. 3769 To establish a Severe Storms Advisory Committee to review, on an annual basis, the severe storms research and operations activities of the Federal Government.

H.R. 4406 To amend the Animal Welfare Act to insure the humane treatment of laboratory animals.

SCHUMER, Charles E. of New York

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 6753 To establish objective criteria and procedures for closing and consolidating weather stations.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

H.Con.Res. 319 Expressing the sense of Congress concerning the proposed closure of certain National Weather Service offices.

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H.R. 1720 To establish a task force to identify ocean sites and the nature of radioactive wastes which were dumped into the ocean prior to 1970 and to prepare a comprehensive plan for monitoring and assessing the impacts which such wastes have had on the environment and the public health.

H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

H.R. 3749 To advance the national prosperity and welfare, to establish a National Technology Foundation, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 5880 To provide for an automobile research competition to produce a radically new automobile embodying high fuel economy, safety, and environmental standards, and for other purposes.

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

SENSENBRENNER, F. James, Jr. of Wisconsin

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

SHAMANSKY, Bob of Ohio

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

H.R. 5254 To provide a national policy for engineering, technical, and scientific manpower, to create a national coordinating Council on Engineering and Scientific Manpower, and for other purposes.

H.R. 5880 To provide for an automobile research competition to produce a radically new automobile embodying high fuel economy, safety, and environmental standards, and for other purposes.

H.Res. 202 Expressing the sense of the House of Representatives that the Administrator of the Federal Aviation Administration should submit to the Committee on Science and Technology full R&D program planning documentation with respect to the modernization and replacement of the FAA air traffic control enroute computer system.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

SHARP, Philip R. of Indiana

H.R. 3002 To authorize appropriations to the Department of Energy for civilian programs for fiscal year 1982.

SHAW, E. Clay, of Florida

H.Con.Res. 319 Expressing the sense of Congress concerning the proposed closure of certain National Weather Service offices.

SHUMWAY, Norman D. of California

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

H.J.Res. 541 Concerning the successful completion of the test flight phase of the space shuttle program.

SILJANDER, Mark D. of Michigan

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.Con.Res. 319 Expressing the sense of Congress concerning the proposed closure of certain National Weather Service offices.

SIMON, Paul of Illinois

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 1720 To establish a task force to identify ocean sites and the nature of radioactive wastes which were dumped into the ocean prior to 1970 and to prepare a comprehensive plan for monitoring and assessing the impacts which such wastes have had on the environment and the public health.

H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 5055 To provide for an accelerated study of the causes and effects of acid rain, to provide for an examination of certain acid precursor control technologies, and for other purposes.

H.R. 6753 To establish objective criteria and procedures for closing and consolidating weather stations.

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

H.Con.Res. 319 Expressing the sense of Congress concerning the proposed closure of certain National Weather Service offices.

SKEEN, Joe, of New Mexico

H.R. 4281 Entitled: "Critical Materials Act of 1981".

H.R. 5016 To establish a Federal policy with respect to the disposal of high-level radioactive waste from civilian nuclear activities, to provide for the construction, operation, and maintenance of waste disposal facilities, to provide for a program of nuclear waste and spent fuel research and development, and for other purposes.

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

SKEEN, Joe, of New Mexico—Continued

H.Con.Res. 319 Expressing the sense of Congress concerning the proposed closure of certain National Weather Service offices.

SKELTON, Ike of Missouri

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

SMITH, Christopher H. of New Jersey

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

SMITH, Denny of Oregon

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

SMITH, Joseph S. Smith of Pennsylvania

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 4712 To establish a Federal Oil and Gas Development Corporation to provide for the exploration for and extraction of oil and gas located on and under Federal land.

H.R. 5880 To provide for an automobile research competition to produce a radically new automobile embodying high fuel economy, safety, and environmental standards, and for other purposes.

SMITH, Neal of Iowa

H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

SMITH, Virginia of Nebraska

H.R. 6269 To establish objective criteria and procedures for closing and consolidating weather stations.

H.R. 6753 To establish objective criteria and procedures for closing and consolidating weather stations.

H.Con.Res. 319 Expressing the sense of Congress concerning the proposed closure of certain National Weather Service offices.

SNOWE, Olympia J. of Maine

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

SNYDER, Gene of Kentucky

H.R. 2930 To provide for the improvement of the Nation's airport and airway system, for the modification of airport and airway user taxes, and for other purposes.

SOLARZ, Stephen J. of New York

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

H.R. 4989 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

SOLOMON, Gerald B. H. of New York

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

STANGELAND, Arlan of Minnesota

H.R. 1704 To amend the Metric Conversion Act of 1975 to provide that the functions of the Federal Government with respect to the metric system shall be limited to coordinating the conversion to such system in areas or industries which desire it, and keeping the public informed thereon, without encouraging in any way the adoption or use of such system.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 5055 To provide for an accelerated study of the causes and effects of acid rain, to provide for an examination of certain acid precursor control technologies, and for other purposes.

STANGELAND, Arlan of Minnesota—Continued

H.R. 5508 To amend the Energy Security Act to consolidate in the Department of Agriculture authority to provide financial assistance for energy projects which use wood and wood wastes and residues as feedstocks, and for other purposes.

STANTON, J. William of Ohio

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

STARK, Fortney H. (Pete) of California

H.R. 2881 To establish licensed permanent repositories for transuranic waste, high-level radioactive waste, and spent fuel, and for other purposes.
H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.
H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

STATON, David Michael of West Virginia

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.
H.R. 5055 To provide for an accelerated study of the causes and effects of acid rain, to provide for an examination of certain acid precursor control technologies, and for other purposes.

STENHOLM, Charles W. of Texas

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

STOKES, Louis of Ohio

H.R. 1720 To establish a task force to identify ocean sites and the nature of radioactive wastes which were dumped into the ocean prior to 1970 and to prepare a comprehensive plan for monitoring and assessing the impacts which such wastes have had on the environment and the public health.
H.R. 1993 To provide for the development of a plan for the disposal of radioactive waste and spent nuclear fuel, to require the construction of repositories in accordance with the plan, to establish a Federal policy regarding the interim storage and commercial reprocessing of spent nuclear fuel, to provide for a demonstration program for dry storage of such fuel, and for other purposes.
H.R. 2216 To establish a National Energy Trust Fund, and to provide for the use of such Fund by the Secretary of Energy in conducting and supporting research, development, and demonstrations designed to develop alternative energy sources.
H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.
H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.
H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.
H.Con.Res. 81 Expressing the sense of the Congress that State and local governments should support the fire safety efforts of the United States Fire Administration to reduce lives and property damage lost by fire.

STRATTON, Samuel S. of New York

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

STUDDS, Gerry E. of Massachusetts

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

STUMP, Bob of Arizona

H.R. 2940 To repeal the Metric Conversion Act of 1975 (89 Stat. 1007).
H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

ST GERMAIN, Fernand J. of Rhode Island

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.
H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.
H.R. 1993 To provide for the development of a plan for the disposal of radioactive waste and spent nuclear fuel, to require the construction of repositories in accordance with the plan, to establish a Federal policy regarding the interim storage and commercial reprocessing of spent nuclear fuel, to provide for a demonstration program for dry storage of such fuel, and for other purposes.
H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

SUNIA, Fofo I.F. of American Somoa

H.R. 2643 To provide for the improvement of the Nation's airport and airway system, and for other purposes.

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H.R. 3769 To establish a Severe Storms Advisory Committee to review, on an annual basis, the severe storms research and operations activities of the Federal Government.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

H.Con.Res. 81 Expressing the sense of the Congress that State and local governments should support the fire safety efforts of the United States Fire Administration to reduce lives and property damage lost by fire.

H.Con.Res. 173 Expressing the sense of the Congress that the United States should embark on a program to construct a permanent manned operations center in low earth orbit within 10 years, and for other purposes.

SWIFT, Al of Washington

H.R. 3877 To amend the Energy Policy and Conservation Act to provide for adequate supplies of helium for future energy efficiency and conservation purposes, and for other purposes.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

SYNAR, Mike of Oklahoma

H.R. 5055 To provide for an accelerated study of the causes and effects of acid rain, to provide for an examination of certain acid precursor control technologies, and for other purposes.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

TAUZIN, W. J. (Billy) of Louisiana

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

TAYLOR, Gene of Missouri

H.R. 5055 To provide for an accelerated study of the causes and effects of acid rain, to provide for an examination of certain acid precursor control technologies, and for other purposes.

THOMAS, William M. of California

H.R. 6753 To establish objective criteria and procedures for closing and consolidating weather stations.

H.J.Res. 541 Concerning the successful completion of the test flight phase of the space shuttle program.

H.Con.Res. 319 Expressing the sense of Congress concerning the proposed closure of certain National Weather Service offices.

TRAXLER, Bob of Michigan

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 3600 To amend the National Ocean Pollution Planning Act of 1978 to provide greater coordination of research efforts concerning the Great Lakes, and for other purposes.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

TRIBLE, Paul S., Jr. of Virginia

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

UDALL, Morris K. of Arizona

H.R. 2330 To authorize appropriations to the Nuclear Regulatory Commission in accordance with section 261 of the Atomic Energy Act of 1954, as amended, and section 305 of the Energy Reorganization Act of 1974, as amended, and for other purposes.

H.R. 3447 To authorize appropriations to the Department of Energy for civilian programs for fiscal year 1982 and fiscal year 1983, and for other purposes.

H.R. 3505 To authorize appropriations for the Department of Energy for fiscal year 1982.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

H.R. 7187 To provide for the development of repositories for the disposal of high-level radioactive waste and spent nuclear fuel, to establish a program of research, development, and demonstration regarding the disposal of high-level radioactive waste and spent nuclear fuel, and for other purposes.

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

VANDER JAGT, Guy of Michigan

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

VENTO, Bruce F. of Minnesota

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 1720 To establish a task force to identify ocean sites and the nature of radioactive wastes which were dumped into the ocean prior to 1970 and to prepare a comprehensive plan for monitoring and assessing the impacts which such wastes have had on the environment and the public health.

H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

H.Con.Res. 81 Expressing the sense of the Congress that State and local governments should support the fire safety efforts of the United States Fire Administration to reduce lives and property damage lost by fire.

VOLKMER, Harold L. of Missouri

H.R. 5016 To establish a Federal policy with respect to the disposal of high-level radioactive waste from civilian nuclear activities, to provide for the construction, operation, and maintenance of waste disposal facilities, to provide for a program of nuclear waste and spent fuel research and development, and for other purposes.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

WALGREN, Doug of Pennsylvania

H.R. 1909 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.

H.R. 3115 To authorize appropriations for environmental research, development, and demonstrations for the fiscal year 1982, and for other purposes.

H.R. 3263 To amend the Earthquake Hazards Reduction Act of 1977 and the Federal Fire Prevention and Control Act of 1974 to authorize the appropriation of funds to the Director of the Federal Emergency Management Agency to carry out the earthquake hazards reduction programs and the fire prevention and control program, and for other purposes.

H.R. 3356 To amend the Earthquake Hazards Reduction Act of 1977 and the Federal Fire Prevention and Control Act of 1974 to authorize the appropriation of funds to the Director of the Federal Emergency Management Agency to carry out the earthquake hazards reduction programs and the fire prevention and control program, and for other purposes.

H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

H.R. 3749 To advance the national prosperity and welfare, to establish a National Technology Foundation, and for other purposes.

H.R. 4281 Entitled: "Critical Materials Act of 1981".

H.R. 4564 To establish a uniform Federal system for management, protection, and utilization of the results of federally sponsored scientific and technological research and development; and to further the public interest of the United States domestically and abroad; and for other related purposes.

H.R. 4697 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.

H.R. 4830 To strengthen research and development programs aimed at understanding the causes and effects of acid precipitation, and to establish a process for cooperative decisionmaking on strategies to control this environmental problem.

H.R. 5016 To establish a Federal policy with respect to the disposal of high-level radioactive waste from civilian nuclear activities, to provide for the construction, operation, and maintenance of waste disposal facilities, to provide for a program of nuclear waste and spent fuel research and development, and for other purposes.

H.R. 5254 To provide a national policy for engineering, technical, and scientific manpower, to create a national coordinating Council on Engineering and Scientific Manpower, and for other purposes.

H.R. 5726 To authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal year 1983 and for other purposes.

H.R. 5880 To provide for an automobile research competition to produce a radically new automobile embodying high fuel economy, safety, and environmental standards, and for other purposes.

H.R. 5991 To authorize appropriations for activities of the National Science Foundation for fiscal years 1982 and 1983, and for other purposes.

H.R. 6159 To establish a program under the coordination of the Office of Science and Technology Policy for improving the use of risk analysis by those Federal agencies concerned with regulatory decisions related to the protection of human life, health, and the environment.

H.R. 6245 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation and testing.

H.R. 6272 To amend the Earthquake Hazards Reduction Act of 1977 to extend authorization of appropriations, and for other purposes.

H.R. 6323 To authorize appropriations for environmental research, development, and demonstration for the fiscal years 1983 and 1984, and for other purposes.

H.R. 6324 To authorize appropriations for atmospheric, climatic, and ocean pollution activities of the National Oceanic and Atmospheric Administration for the fiscal years 1983 and 1984, and for other purposes.

H.R. 6798 To authorize appropriations for atmospheric, climatic, and ocean pollution activities of the National Oceanic and Atmospheric Administration for the fiscal years 1983 and 1984, and for other purposes.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

H.R. 6930 To establish within the National Science Foundation a Presidential Science and Engineering Young Investigators Awards Program, a Presidential Pre-College Science and Mathematics Improvement Program, and a Federal Program for University Research Facilities and Manpower Improvement, and for other purposes.

H.R. 6950 To establish a National High-Technology Technician Training Program, utilizing the resources of the Nation's two-year community colleges to contribute to the economic strength of the United States by creating a pool of skilled technicians in strategic high-technology fields, to increase national productivity, to improve the competitiveness of the United States in international trade, and for other purposes.

H.R. 7130 To provide a national policy for engineering, technical, and scientific manpower, to provide for cost-sharing by the private sector in training such manpower, to create a national Coordinating Council on Engineering and Scientific Manpower, and for other purposes.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

WALGREN, Doug of Pennsylvania—Continued

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H.Con.Res. 81 Expressing the sense of the Congress that State and local governments should support the fire safety efforts of the United States Fire Administration to reduce lives and property damage lost by fire.
H.Con.Res. 288 Expressing the sense of the Congress that State and local governments should support the fire safety efforts of the United States Fire Administration to reduce lives and property damage lost by fire.

WALKER, Robert S. of Pennsylvania

H.R. 1909 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.
H.R. 4697 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.
H.R. 5016 To establish a Federal policy with respect to the disposal of high-level radioactive waste from civilian nuclear activities, to provide for the construction, operation, and maintenance of waste disposal facilities, to provide for a program of nuclear waste and spent fuel research and development, and for other purposes.
H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

WAMPLER, William C. of Virginia

H.R. 638 To establish the National Science Council to decide questions of scientific fact which arise in agency adjudications involving restricting the use of certain substances which are primarily used in food production, processing, or marketing and which may be harmful to human health, and for other purposes.

WASHINGTON, Harold of Illinois

H.R. 6950 To establish a National High-Technology Technician Training Program, utilizing the resources of the Nation's two-year community colleges to contribute to the economic strength of the United States by creating a pool of skilled technicians in strategic high-technology fields, to increase national productivity, to improve the competitiveness of the United States in international trade, and for other purposes.

WATKINS, Wes of Oklahoma

H.R. 3749 To advance the national prosperity and welfare, to establish a National Technology Foundation, and for other purposes.
H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.
H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

WAXMAN, Henry A. of California

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.
H.J.Res. 541 Concerning the successful completion of the test flight phase of the space shuttle program.

WEAVER, James of Oregon

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.
H.R. 1720 To establish a task force to identify ocean sites and the nature of radioactive wastes which were dumped into the ocean prior to 1970 and to prepare a comprehensive plan for monitoring and assessing the impacts which such wastes have had on the environment and the public health.
H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.
H.R. 5508 To amend the Energy Security Act to consolidate in the Department of Agriculture authority to provide financial assistance for energy projects which use wood and wood wastes and residues as feedstocks, and for other purposes.
H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.
H.R. 6950 To establish a National High-Technology Technician Training Program, utilizing the resources of the Nation's two-year community colleges to contribute to the economic strength of the United States by creating a pool of skilled technicians in strategic high-technology fields, to increase national productivity, to improve the competitiveness of the United States in international trade, and for other purposes.
H.Con.Res. 242 Expressing the sense of Congress concerning the resignation of Ann Gorsuch from her post as Administrator of the Environmental Protection Agency.

WEBER, Ed of Ohio

H.R. 3600 To amend the National Ocean Pollution Planning Act of 1978 to provide greater coordination of research efforts concerning the Great Lakes, and for other purposes.
H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

WEBER, Vin of Minnesota

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

WEISS, Ted of New York

H.R. 930 To establish a commission to study alternative methods to the use of live animals in laboratory research and testing.
H.R. 1720 To establish a task force to identify ocean sites and the nature of radioactive wastes which were dumped into the ocean prior to 1970 and to prepare a comprehensive plan for monitoring and assessing the impacts which such wastes have had on the environment and the public health.
H.R. 2216 To establish a National Energy Trust Fund, and to provide for the use of such Fund by the Secretary of Energy in conducting and supporting research, development, and demonstrations designed to develop alternative energy sources.

WEISS, Ted of New York—Continued

H.R. 5880 To provide for an automobile research competition to produce a radically new automobile embodying high fuel economy, safety, and environmental standards, and for other purposes.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

H.Con.Res. 242 Expressing the sense of Congress concerning the resignation of Ann Gorsuch from her post as Administrator of the Environmental Protection Agency.

WHITE, Richard C. of Texas

H.R. 5016 To establish a Federal policy with respect to the disposal of high-level radioactive waste from civilian nuclear activities, to provide for the construction, operation, and maintenance of waste disposal facilities, to provide for a program of nuclear waste and spent fuel research and development, and for other purposes.

H.R. 6323 To authorize appropriations for environmental research, development, and demonstration for the fiscal years 1983 and 1984, and for other purposes.

H.R. 6324 To authorize appropriations for atmospheric, climatic, and ocean pollution activities of the National Oceanic and Atmospheric Administration for the fiscal years 1983 and 1984, and for other purposes.

H.R. 6798 To authorize appropriations for atmospheric, climatic, and ocean pollution activities of the National Oceanic and Atmospheric Administration for the fiscal years 1983 and 1984, and for other purposes.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

WHITEHURST, G. William of Virginia

H.R. 1909 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.

H.R. 2881 To establish licensed permanent repositories for transuranic waste, high-level radioactive waste, and spent fuel, and for other purposes.

H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

H.R. 4286 To establish a national space and aeronautics policy, and for other purposes.

H.R. 4697 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.

H.R. 5880 To provide for an automobile research competition to produce a radically new automobile embodying high fuel economy, safety, and environmental standards, and for other purposes.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

H.Con.Res. 38 Pertaining to the methods used on animals in research.

H.Con.Res. 81 Expressing the sense of the Congress that State and local governments should support the fire safety efforts of the United States Fire Administration to reduce lives and property damage lost by fire.

WHITTAKER, Robert (Bob) of Kansas

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

WILLIAMS, Lyle of Ohio

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

WILLIAMS, Pat of Montana

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 7130 To provide a national policy for engineering, technical, and scientific manpower, to provide for cost-sharing by the private sector in training such manpower, to create a national Coordinating Council on Engineering and Scientific Manpower, and for other purposes.

WILSON, Charles of Texas

H.R. 4286 To establish a national space and aeronautics policy, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

H.Con.Res. 173 Expressing the sense of the Congress that the United States should embark on a program to construct a permanent manned operations center in low earth orbit within 10 years, and for other purposes.

WINN, Larry, Jr. of Kansas

H.R. 1520 To authorize appropriations for activities for the National Science Foundation for the fiscal year 1982.

H.R. 1909 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.

H.R. 3769 To establish a Severe Storms Advisory Committee to review, on an annual basis, the severe storms research and operations activities of the Federal Government.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

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H.R. 4564 To establish a uniform Federal system for management, protection, and utilization of the results of federally sponsored scientific and technological research and development; and to further the public interest of the United States domestically and abroad; and for other related purposes.

H.R. 4697 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.

H.R. 5016 To establish a Federal policy with respect to the disposal of high-level radioactive waste from civilian nuclear activities, to provide for the construction, operation, and maintenance of waste disposal facilities, to provide for a program of nuclear waste and spent fuel research and development, and for other purposes.

H.R. 6656 To establish a program of presidential teaching and research fellowships in mathematics and science and a presidential precollege science and mathematics inservice teaching program, and for other purposes.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

WIRTH, Timothy E. of Colorado

H.R. 4286 To establish a national space and aeronautics policy, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 6007 To declare a national weather modification policy, to establish a national program of research and development in weather modification, to test and verify the safety and efficacy of weather modification techniques, to improve the technical base and standards for the private weather modification industry, to provide for the reporting of weather modification activities, and for related purposes.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

WOLF, Frank R. of Virginia

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

H.Con.Res. 242 Expressing the sense of Congress concerning the resignation of Ann Gorsuch from her post as Administrator of the Environmental Protection Agency.

WOLPE, Howard of Michigan

H.R. 1720 To establish a task force to identify ocean sites and the nature of radioactive wastes which were dumped into the ocean prior to 1970 and to prepare a comprehensive plan for monitoring and assessing the impacts which such wastes have had on the environment and the public health.

H.R. 3600 To amend the National Ocean Pollution Planning Act of 1978 to provide greater coordination of research efforts concerning the Great Lakes, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 5254 To provide a national policy for engineering, technical, and scientific manpower, to create a national coordinating Council on Engineering and Scientific Manpower, and for other purposes.

H.R. 6753 To establish objective criteria and procedures for closing and consolidating weather stations.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

WON PAT, Antonio Borja of Guam

H.R. 1909 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.

H.R. 2881 To establish licensed permanent repositories for transuranic waste, high-level radioactive waste, and spent fuel, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.R. 4697 To accelerate and provide direction to the Department of Energy's research, development, and technology demonstration program for the disposal of high level radioactive wastes.

H.R. 6930 To establish within the National Science Foundation a Presidential Science and Engineering Young Investigators Awards Program, a Presidential Pre-College Science and Mathematics Improvement Program, and a Federal Program for University Research Facilities and Manpower Improvement, and for other purposes.

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

H.Con.Res. 81 Expressing the sense of the Congress that State and local governments should support the fire safety efforts of the United States Fire Administration to reduce lives and property damage lost by fire.

WORTLEY, George C. of New York

H.R. 3600 To amend the National Ocean Pollution Planning Act of 1978 to provide greater coordination of research efforts concerning the Great Lakes, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

WRIGHT, Jim of Texas

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

WYDEN, Ron of Oregon

H.R. 3375 To establish within the National Aeronautics and Space Administration a comprehensive program of automotive research and technology development, and for other purposes.

H.R. 4326 To amend the Small Business Act to strengthen the role of the small, innovative firms in federally funded research and development, and to utilize Federal research and development as a base for technological innovation to meet agency needs and to contribute to the growth and strength of the Nation's economy.

H.Res. 514 Commemorating July 1, 1982, which is the twenty-fifth anniversary of the beginning of the International Geophysical Year and reaffirming the commitment of the House of Representatives to international cooperation in the sciences.

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H.R. 6245 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation and testing.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

YATES, Sidney R. of Illinois

H.R. 3600 To amend the National Ocean Pollution Planning Act of 1978 to provide greater coordination of research efforts concerning the Great Lakes, and for other purposes.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

YATRON, Gus of Pennsylvania

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 4286 To establish a national space and aeronautics policy, and for other purposes.

H.R. 6753 To establish objective criteria and procedures for closing and consolidating weather stations.

H.Con.Res. 81 Expressing the sense of the Congress that State and local governments should support the fire safety efforts of the United States Fire Administration to reduce lives and property damage lost by fire.

H.Con.Res. 319 Expressing the sense of Congress concerning the proposed closure of certain National Weather Service offices.

YOUNG, C. W. Bill of Florida

H.R. 6753 To establish objective criteria and procedures for closing and consolidating weather stations.

YOUNG, Don of Alaska

H.R. 4281 Entitled: "Critical Materials Act of 1981".

H.R. 5055 To provide for an accelerated study of the causes and effects of acid rain, to provide for an examination of certain acid precursor control technologies, and for other purposes.

H.R. 6753 To establish objective criteria and procedures for closing and consolidating weather stations.

H.R. 7255 To provide a comprehensive national policy with respect to Arctic research.

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

YOUNG, Robert A. of Missouri

H.R. 2643 To provide for the improvement of the Nation's airport and airway system, and for other purposes.

H.R. 4281 Entitled: "Critical Materials Act of 1981".

H.R. 5016 To establish a Federal policy with respect to the disposal of high-level radioactive waste from civilian nuclear activities, to provide for the construction, operation, and maintenance of waste disposal facilities, to provide for a program of nuclear waste and spent fuel research and development, and for other purposes.

H.R. 5254 To provide a national policy for engineering, technical, and scientific manpower, to create a national coordinating Council on Engineering and Scientific Manpower, and for other purposes.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

H.R. 7411 To provide encouragement and necessary regulation for the commercial development of space.

H.J.Res. 513 To express the sense of the Congress of the United States that the Nation reaffirm its commitment to the expeditious development of magnetic fusion energy.

ZABLOCKI, Clement J. of Wisconsin

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

ZEFERETTI, Leo C. of New York

H.R. 556 To establish a National Center for Alternative Research; to develop and coordinate alternative methods of research and testing which do not involve the use of live animals; to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals; to eliminate or minimize the duplication of experiments on live animals; to disseminate information on such methods; and for other purposes.

H.R. 1506 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

H.R. 6928 To promote the development of nonanimal methods of research, experimentation, and testing, and to assure humane care of animals used in scientific research, experimentation, and testing.

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May 1981	Analysis of Hearings of H.R. 6910, the National Technology Foundation Act of 1980.	E.
May 1981	Analysis of Hearings on New Directions for Nuclear Energy Research, Development and Demonstration, Post-INFCE.	F.
June 1981	Survey of Science and Technology Issues—Present and Future	G.*
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May 8, 1981	Authorizing Appropriations to the National Aeronautics and Space Administration for Fiscal Year 1982 (report to accompany H.R. 1257).	H.Rept. 97–32*
May 13, 1981	Authorizing Appropriations to the National Science Foundation (report to accompany H.R. 1520).	H.Rept. 97–34*
May 19, 1981	Earthquake Hazards Reduction Program and Fire Prevention and Control Program (report to accompany H.R. 3356).	H.Rept. 97–59, part II
May 19, 1981	Authorizing Appropriations for Atmospheric, Climatic, and Ocean Pollution Activities of the National Oceanic and Atmospheric Administration for Fiscal Year 1982 (report to accompany H.R. 2803).	H.Rept. 97–61
May 19, 1981	Department of Energy Civilian Research and Development Programs and Projects 1982 Authorization Act (report to accompany H.R. 3146).	H.Rept. 97–94*
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May 19, 1981	Authorizing Fiscal Year 1982 Appropriations to the Office of Research and Development, Environmental Protection Agency (report to accompany H.R. 3115).	H.Rept. 97–93
May 19, 1981	Department of Energy Civilian Programs Authorization Act for Fiscal Years 1982 and 1983 (report to accompany H.R. 3447).	H.Rept. 97–103, part I*
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Mar. 16, 1982	Small Business Innovation Development Act (report to accompany H.R. 4326)	H.Rept. 97–349, part IV
March 1982	National Energy Conservation Policy Under the Reagan Administration: Analysis of Hearings on the DOE Authorization for Fiscal Year 1982.	V.
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May 5, 1982	Authorizing appropriations to the National Bureau of Standards for Fiscal Year 1983 (report to accompany H.R. 5726).	H.Rept. 97–501
May 5, 1982	Authorizing appropriations to the National Aeronautics and Space Administration for Fiscal Year 1983 (report to accompany H.R. 5890).	H.Rept. 97–502
May 17, 1982	Authorizing appropriations to the Federal Aviation Administration for research, engineering and development for Fiscal Year 1983 (report to accompany H.R. 6193).	H.Rept. 97–523

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May 18, 1982	Authorizing appropriations to the Office of Research and Development, Environmental Protection Agency, for Fiscal Years 1983 and 1984 (report to accompany H.R. 6323).	H.Rept. 97-574
June 24, 1982	To establish a program under the coordination of the Office of Science and Technology Policy for improving the use of risk analysis by those Federal agencies concerned with regulatory decisions related to the protection of human life, health, and the environment (report to accompany H.R. 6159).	H.Rept. 97-625
July 1982	Symposium on Minorities and Women in Science and Technology	AA.
August 1982	Aviation Safety Research	BB.
Aug. 13, 1982	Expressing the sense of the Congress that, to encourage educational programs in science and technology, a National Science Center for Communications and Electronics should be established (report to accompany H.Con.Res. 204).	H.Rept. 97-745
Aug. 17, 1982	Commemoration of the International Geophysical Year (report to accompany H.Res. 514).	H.Rept. 97-758, Part 1
Aug. 18, 1982	Critical Materials Act of 1981 (report to accompany H.R. 4281)	H.Rept. 97-761, Part 1
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Jan. 3, 1983	Summary of Activities of the Committee on Science and Technology—97th Congress.	H.Rept. 97-1010
June 1982	The Information Science and Technology Act of 1981	DD.
February 1982	Energy-Efficient Technologies: Advancing U.S. Competitiveness and Productivity (Proceedings of a Seminar).	EE.
October 1982	The Human Factor in Innovation and Productivity (Including an Analysis of hearings on the Human Factor in Innovation and Productivity).	FF.
September 1982	Advanced Rail Technology	GG.
December 1982	The Need for an Increased Space Shuttle Orbiter Fleet	HH.
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*Not available